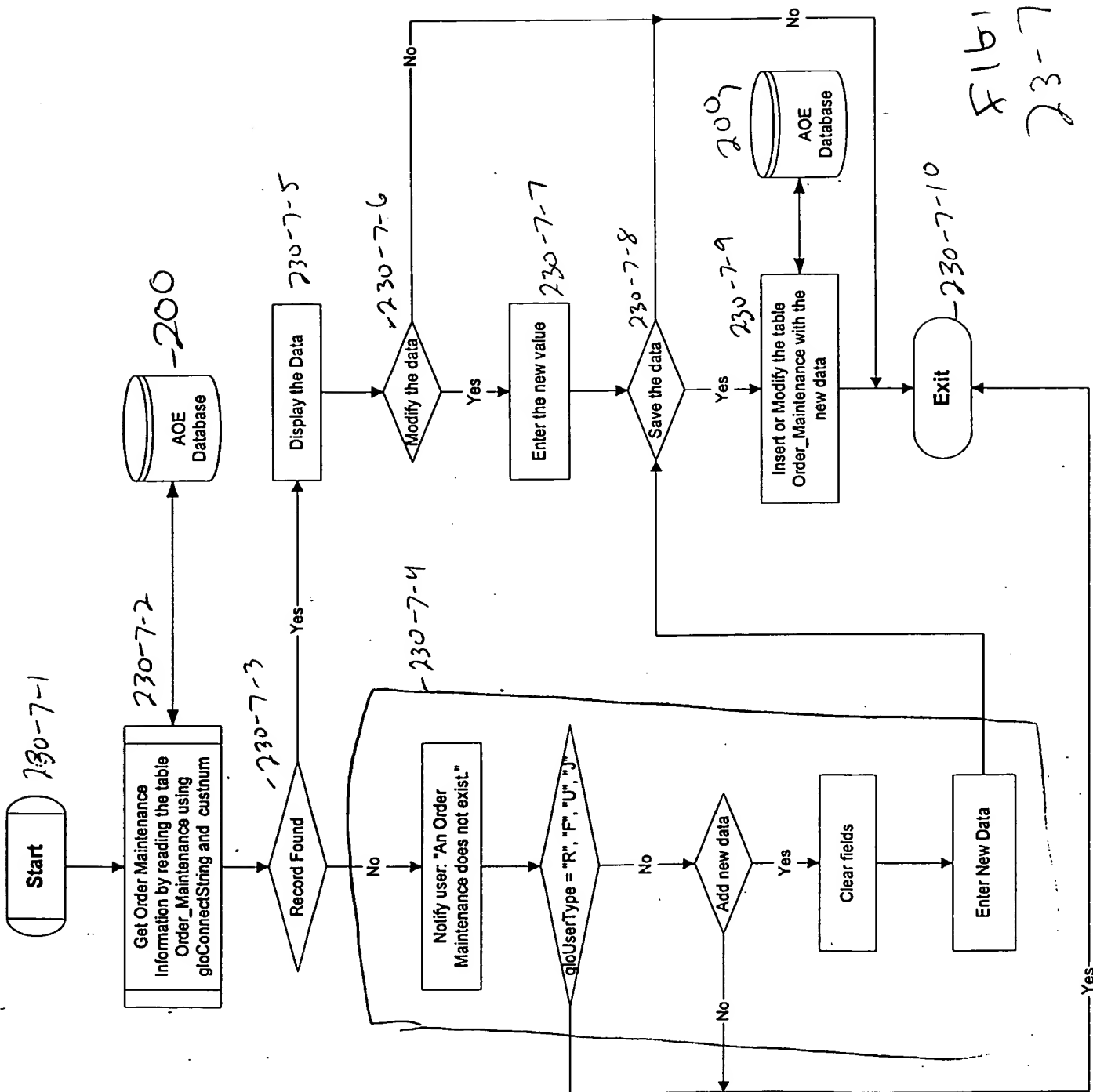


1-4-08







20250727 16:56:00

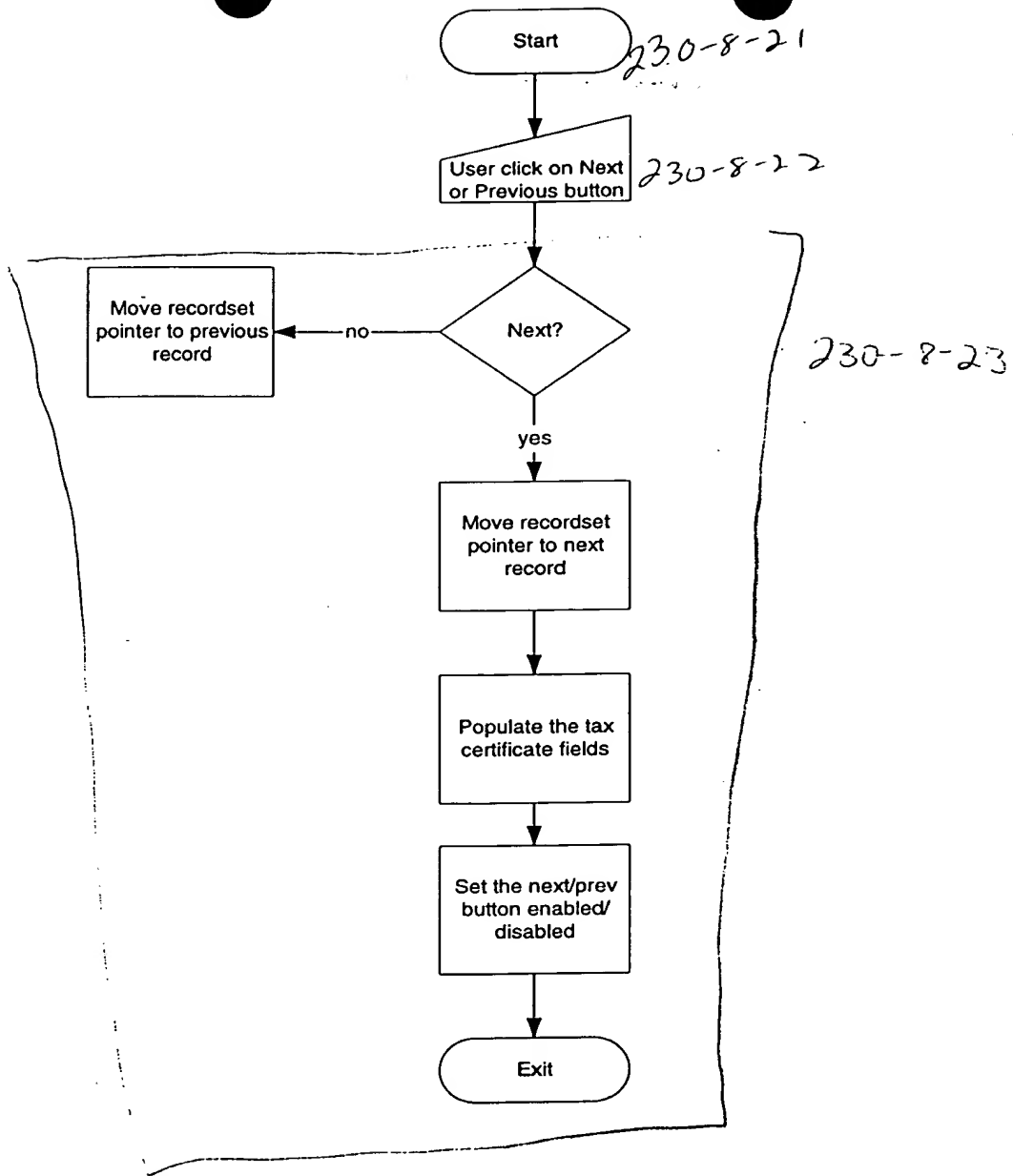


Fig. 23-8C



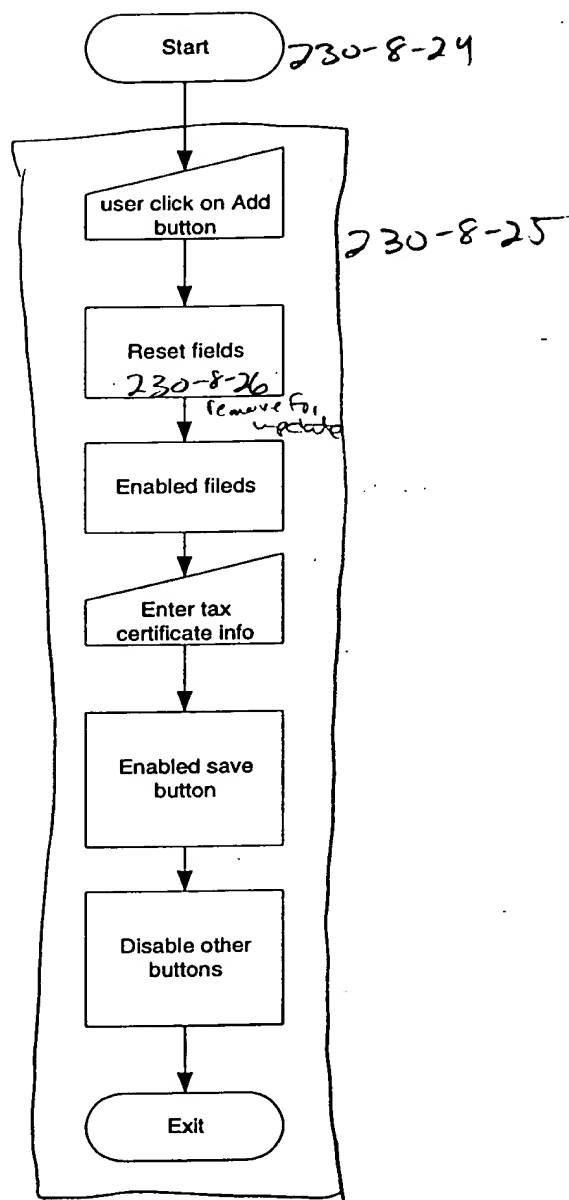
[illegible]

FIG. 23-8D

Start 230-8-27

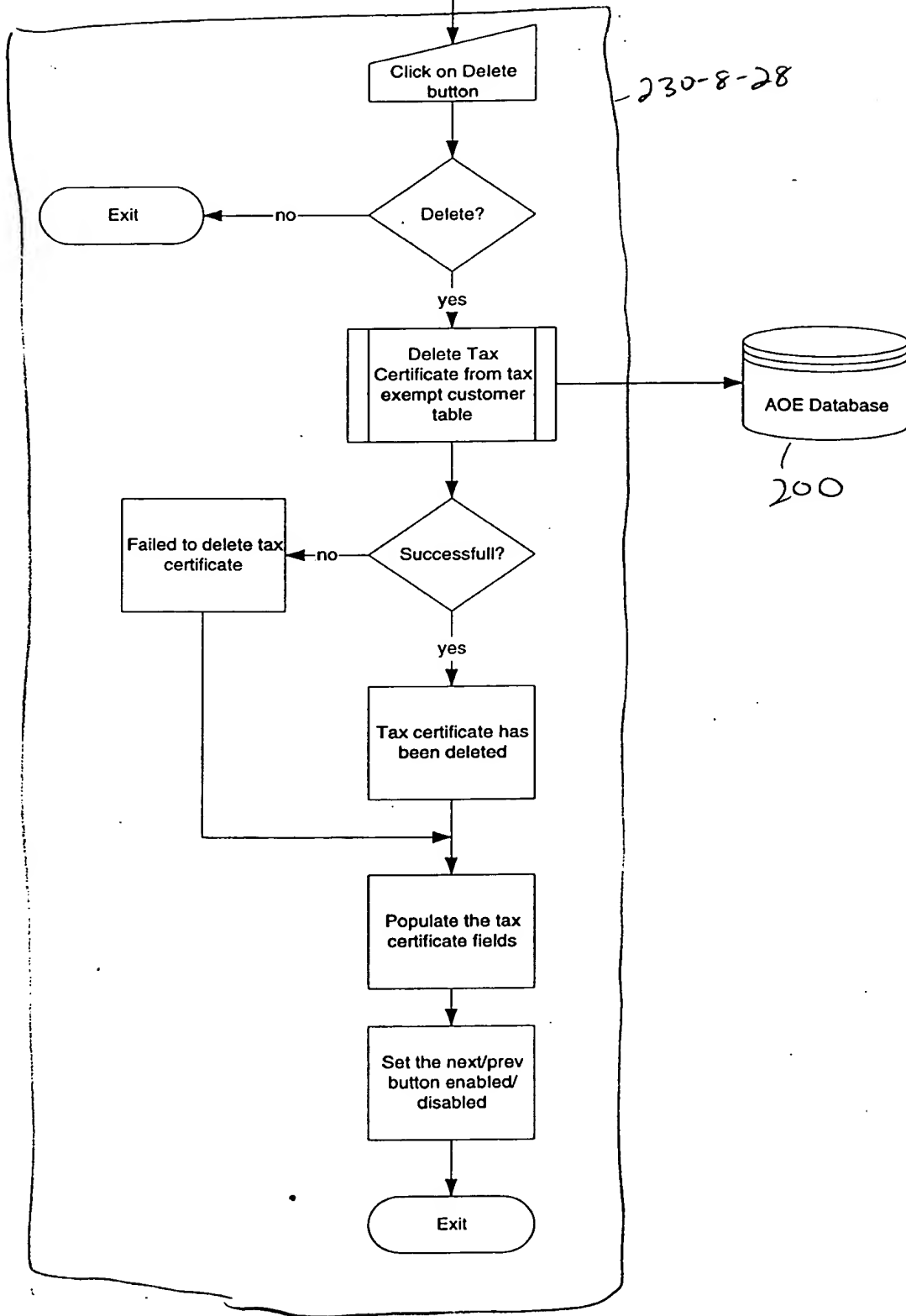


FIG. 23-8F

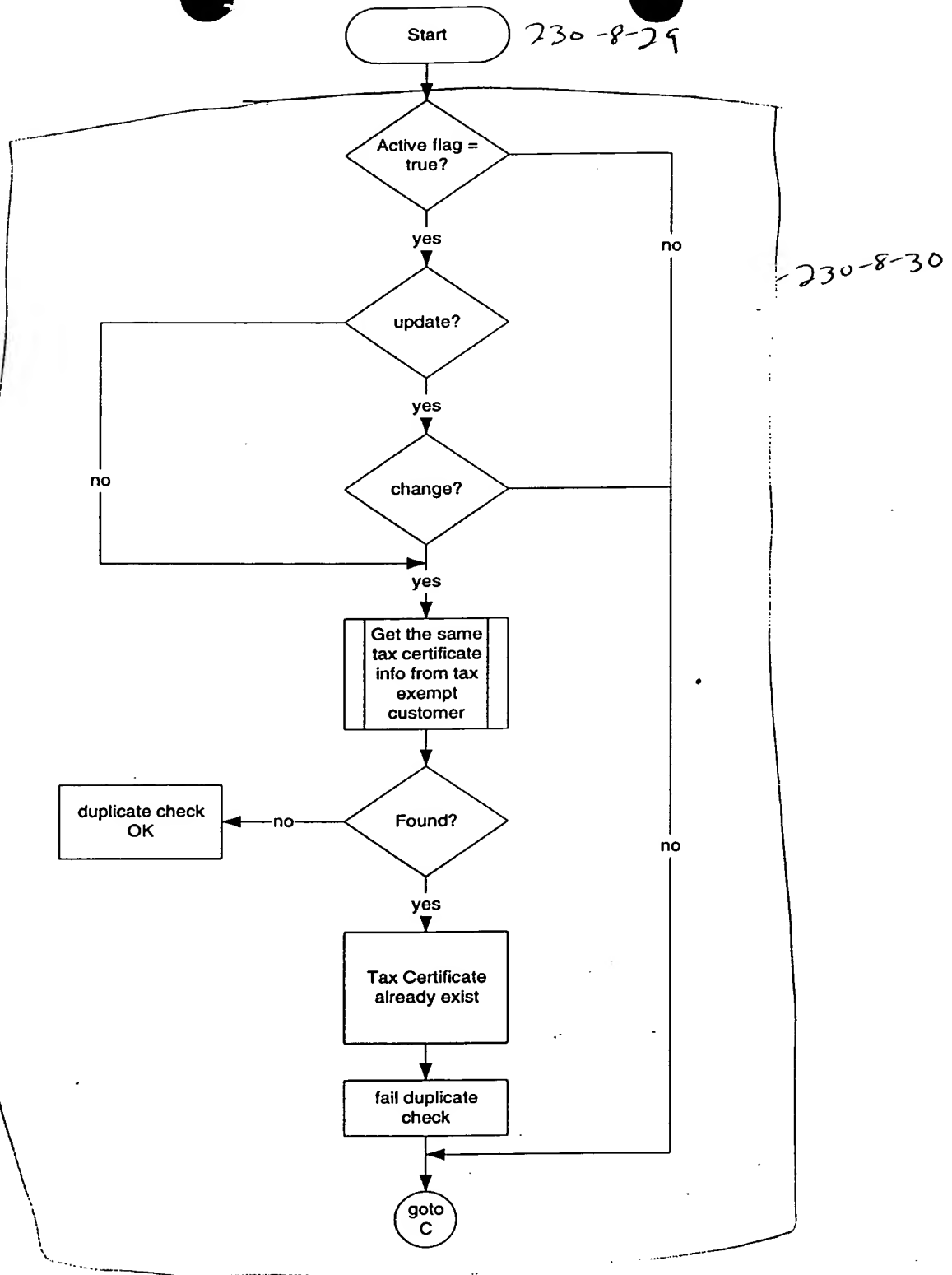
[illegible]

FIG. '23-86

09502413.054200

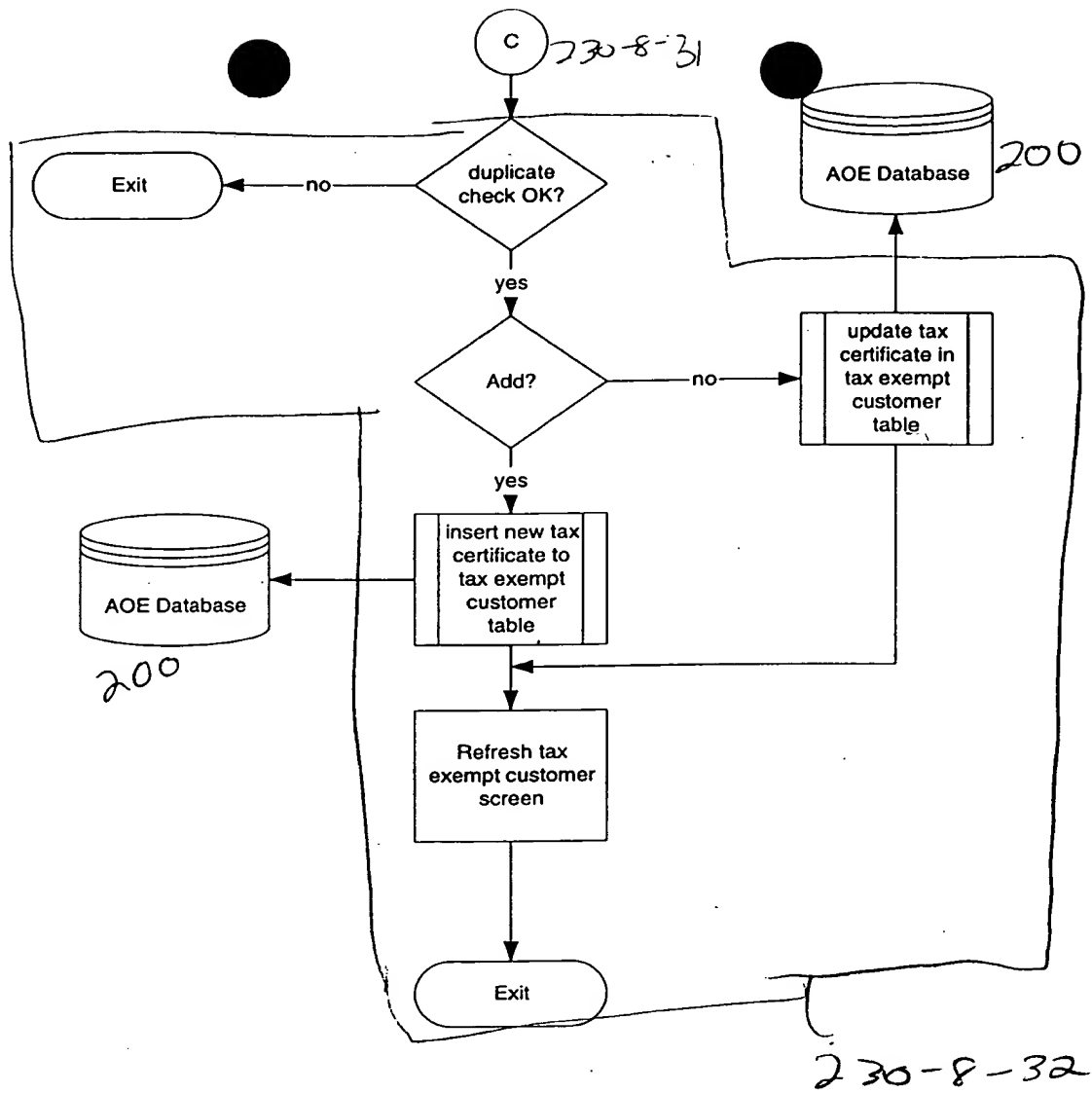


FIG 23-811

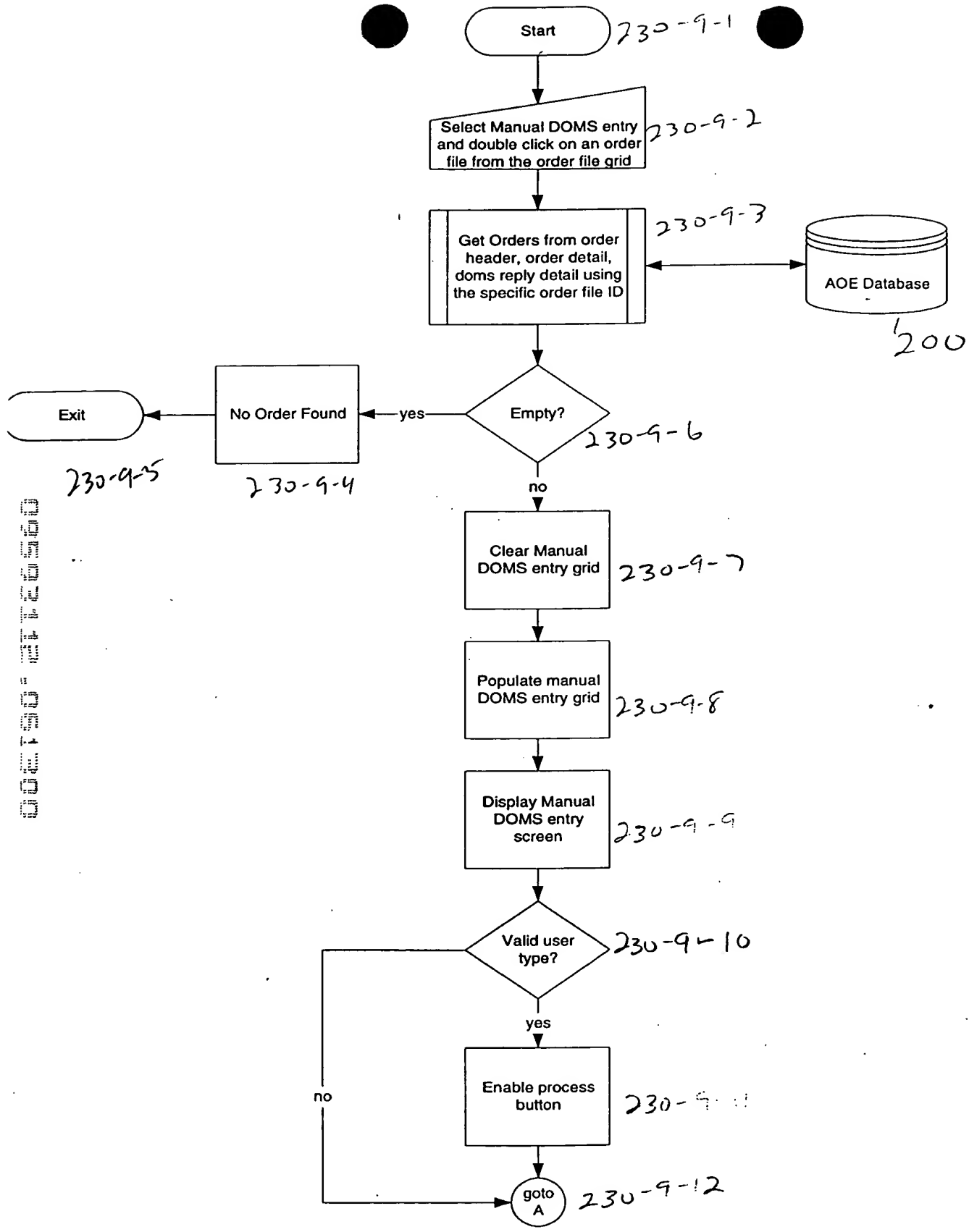


FIG 23-9A

002150 216550

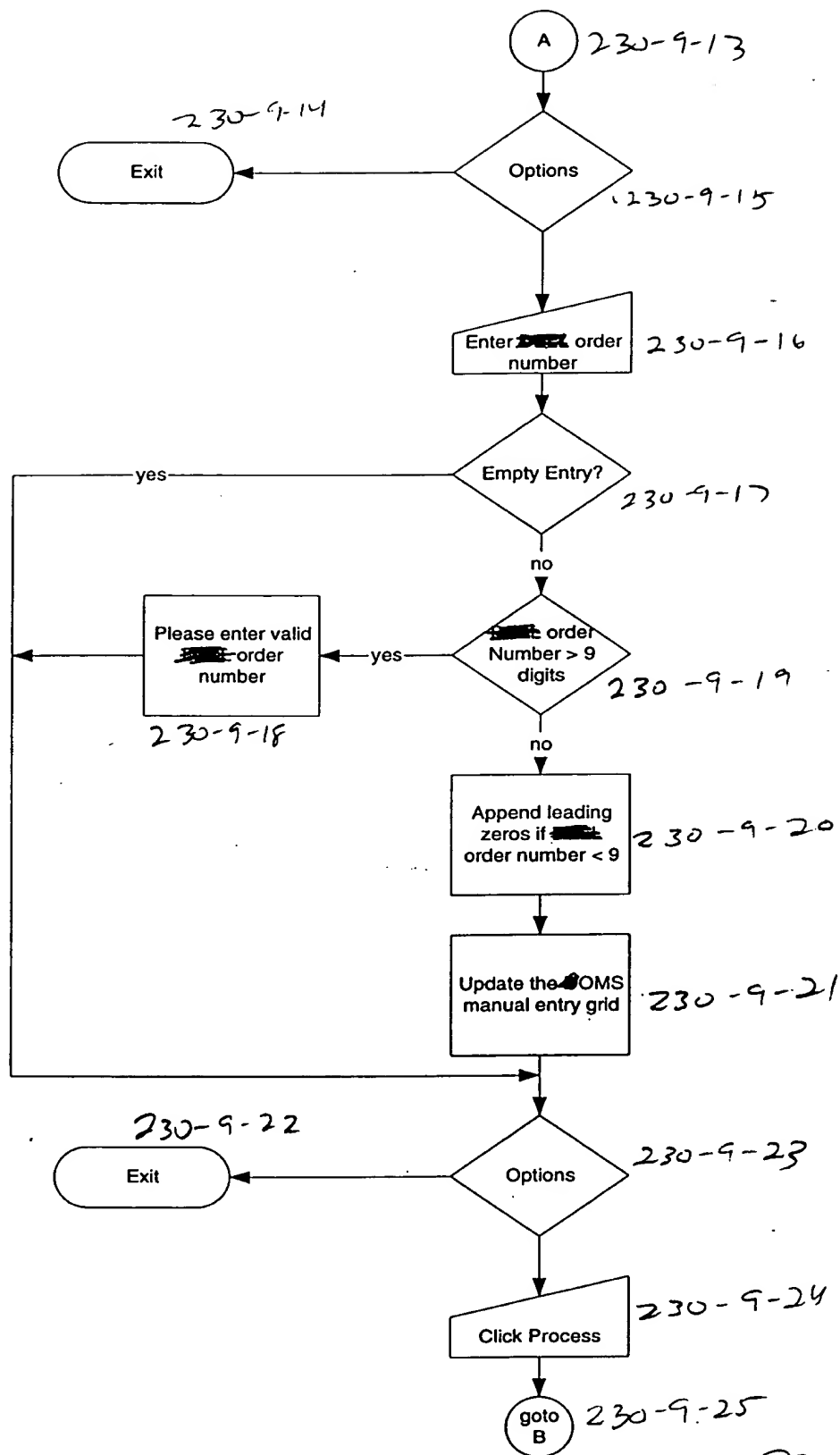


FIG. 23-9B

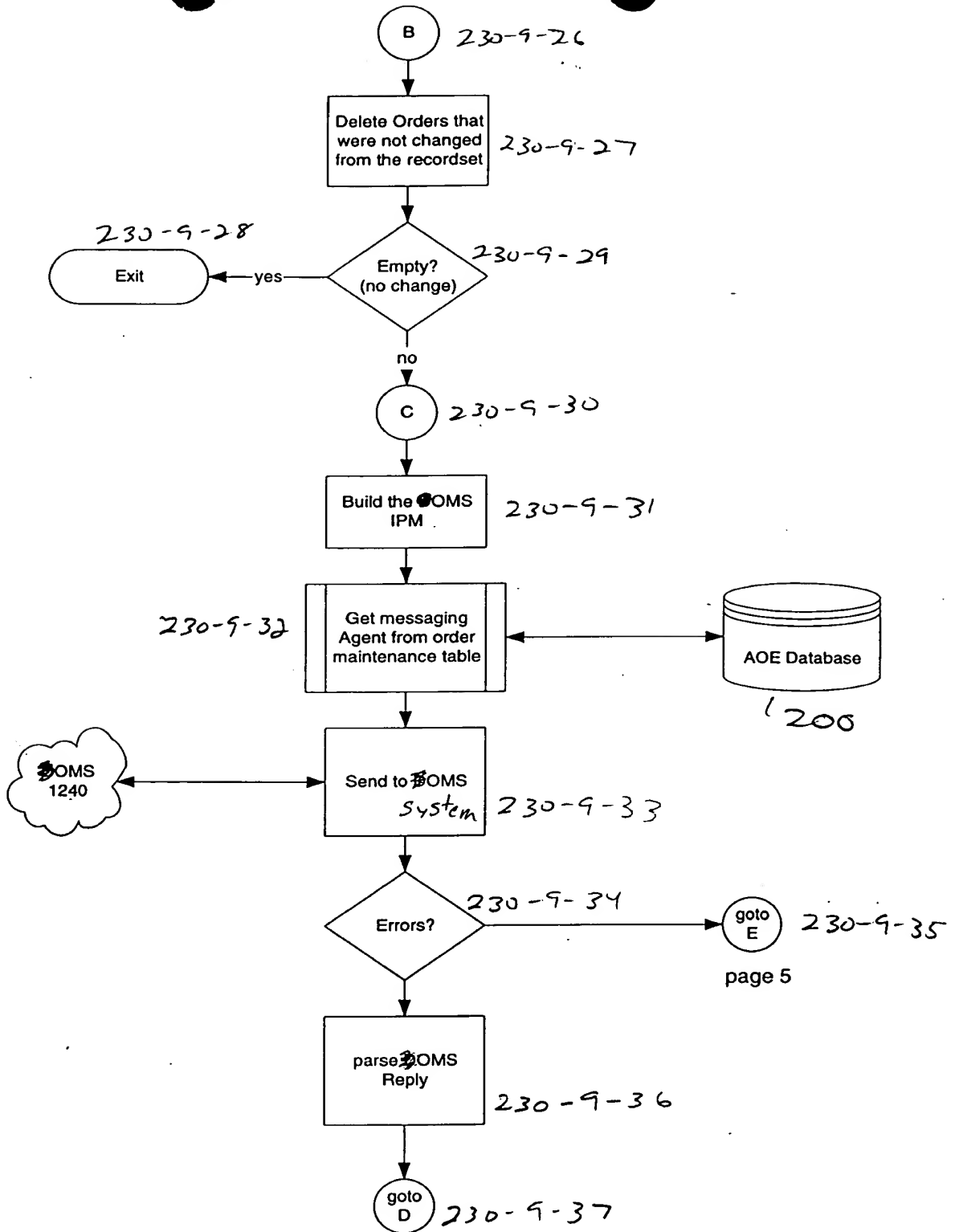


FIG 23-9C

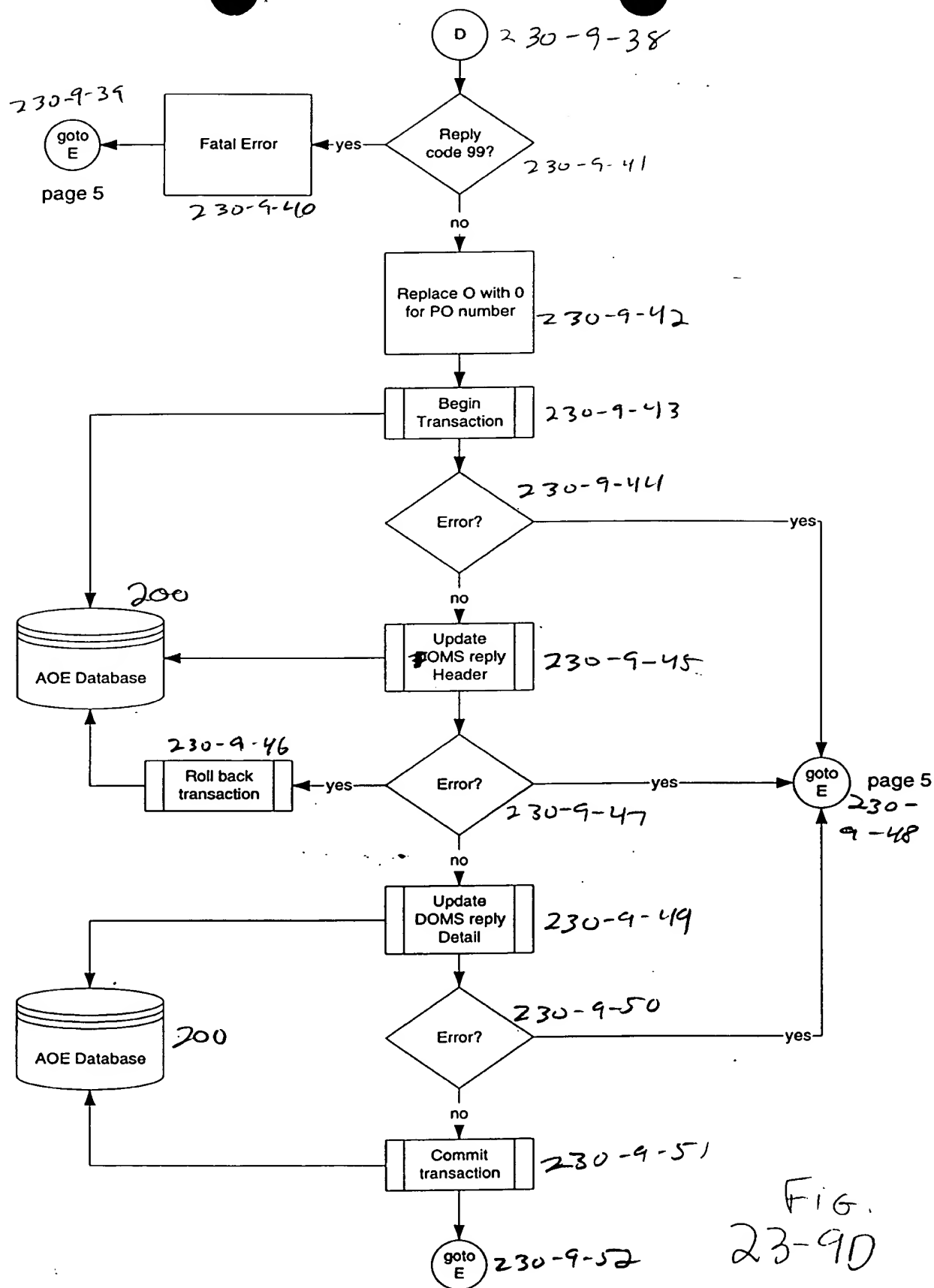


FIG.  
23-90



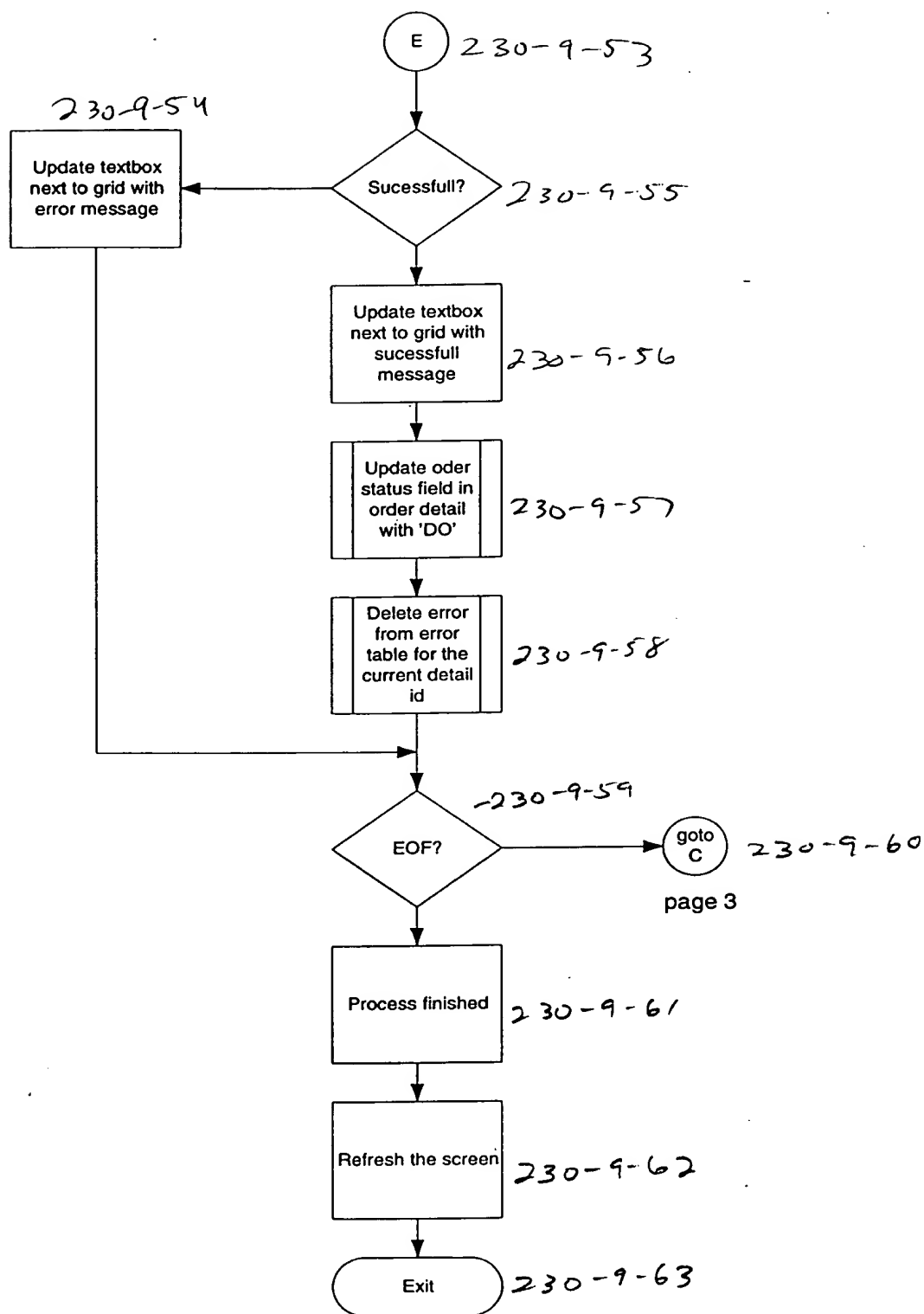
[illegible]

FIG. 23-9E

```

graph TD
    Start([Start]) --> Step2[230-10-2 Double Click on an Order File from the Order Files grid]
    Step2 --> Step3[230-10-3 Select order summary from order header, order detail, service tags and doms reply detail using specific order file ID]
    Step3 <--> AOE[(AOE Database)]
    Step3 --> Step6{230-10-6 Empty?}
    Step6 -- yes --> Step4[230-10-4 No Order Found]
    Step4 --> Exit([Exit])
    Step6 -- no --> Step7[230-10-7 Remove Duplicate]
    Step7 --> Step8[230-10-8 Clear Order Summary Grid]
    Step8 --> Step9[230-10-9 Populate the order Summary Grid]
    Step9 --> GotoA((goto A))
    GotoA --> Step10[230-10-10]

```

FIG.  
23-10A

230-10-11 230-10-12 230-10-13 230-10-14 230-10-15 230-10-16

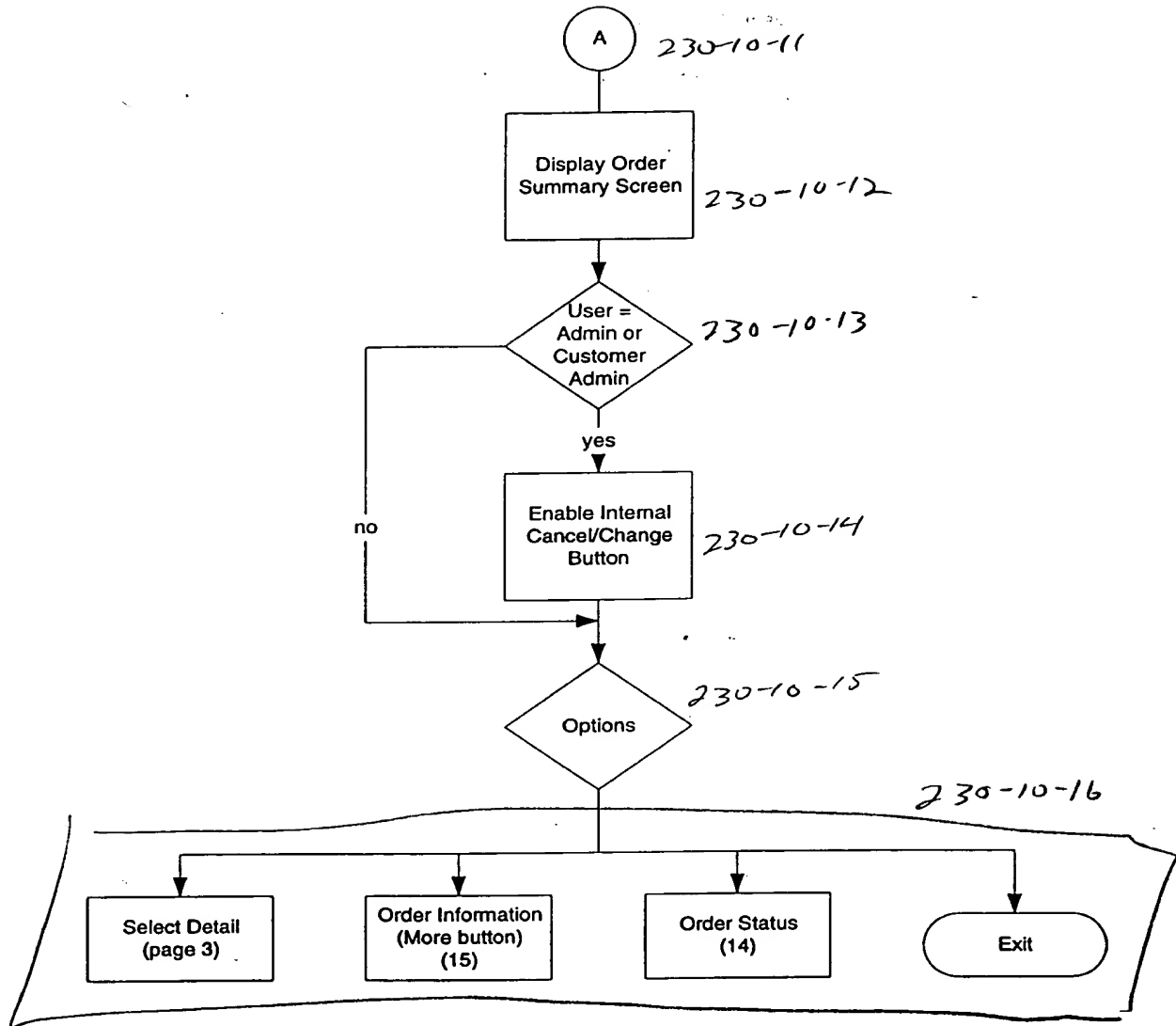
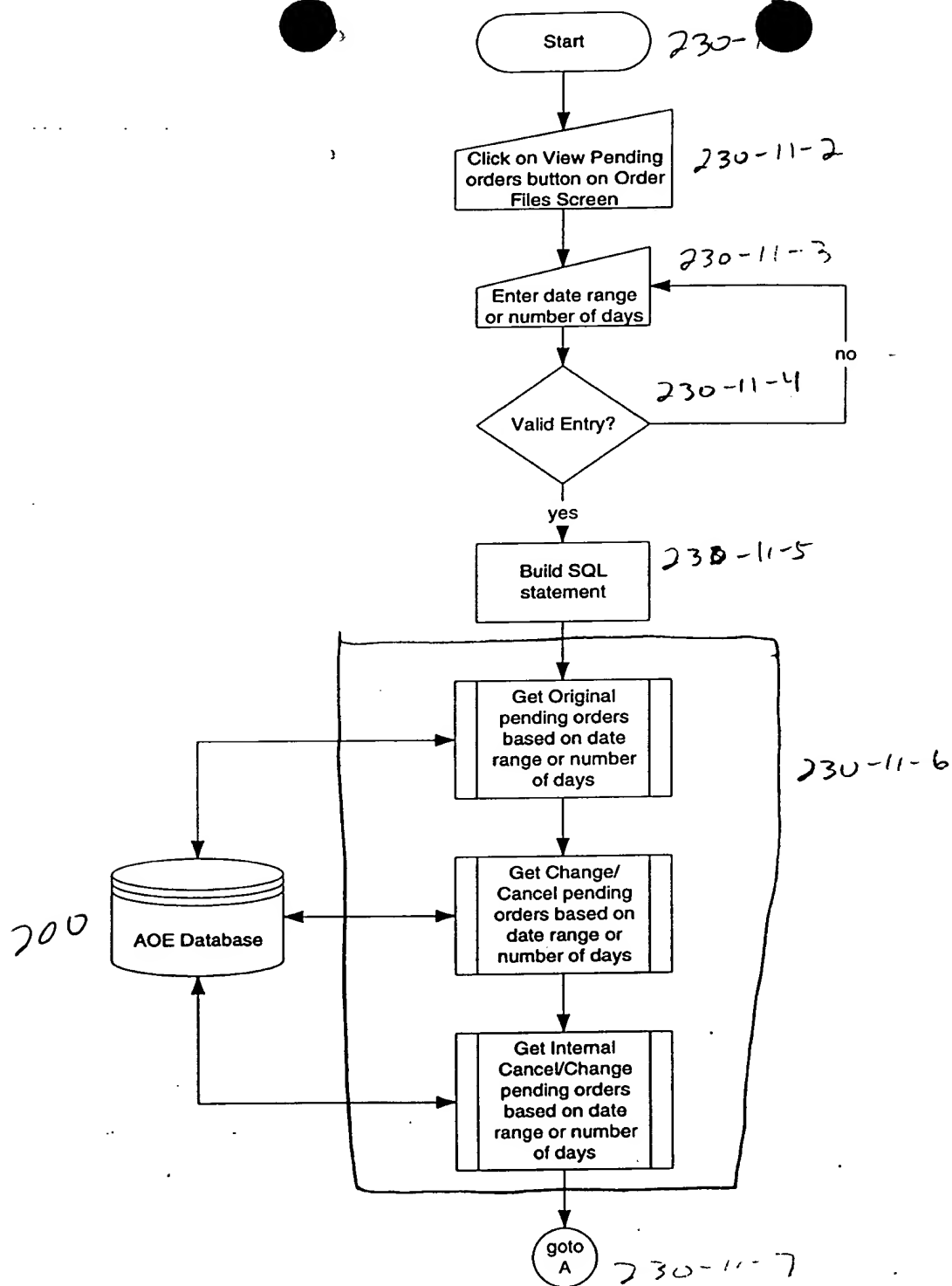
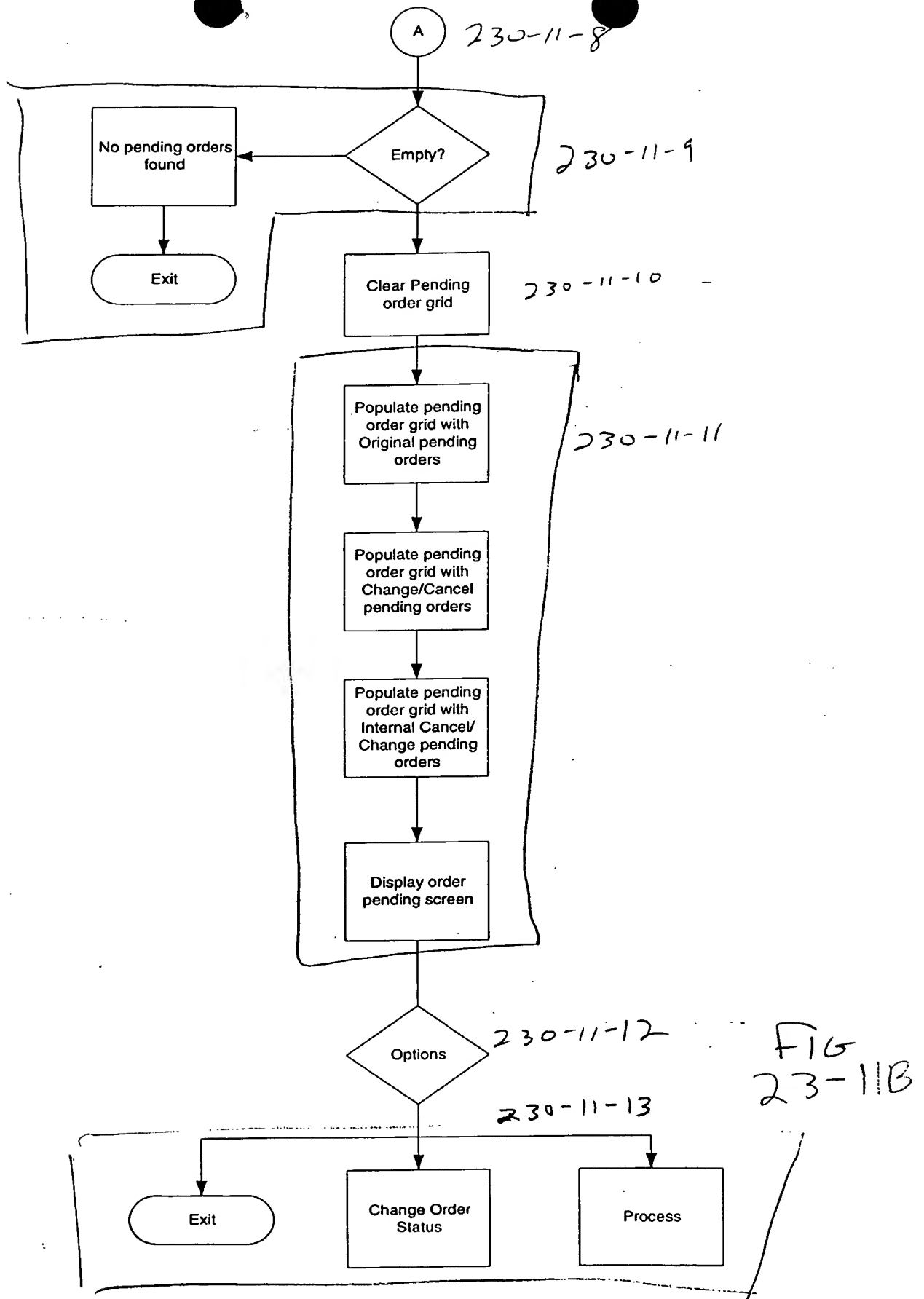


Fig.  
23-10B



F. 6  
23-11A

[illegible]



```

graph TD
    D((D)) --> Reprocess{Reprocess?}
    Reprocess -- no --> P[230-11-40  
new order status =  
'Preedit Error']
    Reprocess -- cancel --> C[230-11-41  
new order status =  
previous order  
status]
    Reprocess -- yes --> R[230-11-42  
new order status =  
'Reprocess']
    P --> J1(( ))
    C --> J1
    R --> J1
    J1 --> CS[230-11-43  
Changing color  
scheme based on  
order status]
    CS --> NPS{230-11-44  
new planned  
shipdate?}
    NPS -- yes --> UPS[230-11-45  
update planned  
shipdate column  
on the grid]
    NPS -- no --> J2(( ))
    UPS --> J2
    J2 --> GC{230-11-47  
Geo Code?}
    GC -- yes --> F((F))
    GC -- no --> EDC{230-11-48  
expedite/date  
change?}
    EDC -- yes --> UG1[230-11-49  
Update grid with  
new order status  
and DELL order  
number]
    UG1 --> UG2[230-11-50  
Update grid with  
planned ship date]
    EDC -- no --> J3(( ))
    UG2 --> J3
    J3 --> GE((goto  
E))
  
```

FILE  
23-11D

```

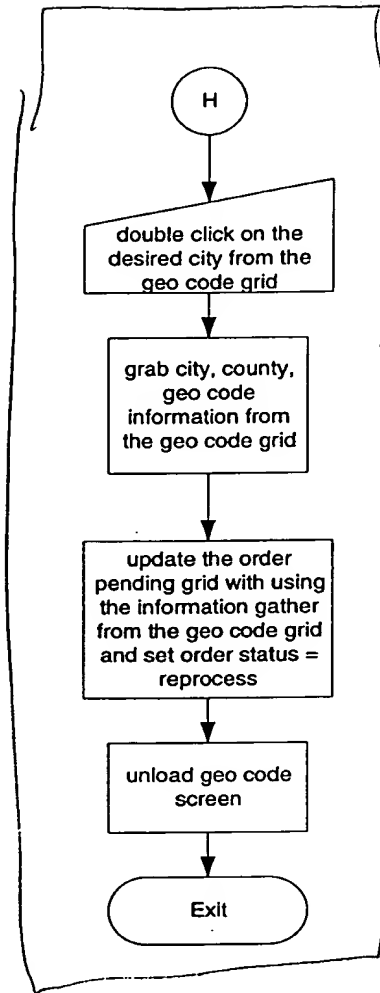
graph TD
    E((E)) --> D1{Internal Error & bundle?}
    D1 -- no --> D2{new order number?}
    D1 -- yes --> D2
    D2 -- yes --> P1[update order number = new order number]
    D2 -- no --> D3{Build New?}
    D3 -- yes --> P2[update order number = buildnew]
    P1 --> J1(( ))
    P2 --> J1
    D3 -- no --> J1
    J1 --> P3[update order status = new order status]
    P3 --> F((F))
    F --> D4{Geo Code & preedit error}
    D4 --> P4[update order status = new order status, order number = new order number]
    P4 --> G((G))
    D4 --> G
    G --> D5{options}
    D5 --> Exit([Exit])
    D5 --> Change[Change Order Status]
    D5 --> Process[Process]

```

FIG  
23-11E



2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300 2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346 2347 2348 2349 2350 2351 2352 2353 2354 2355 2356 2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2367 2368 2369 2370 2371 2372 2373 2374 2375 2376 2377 2378 2379 2380 2381 2382 2383 2384 2385 2386 2387 2388 2389 2390 2391 2392 2393 2394 2395 2396 2397 2398 2399 2400 2401 2402 2403 2404 2405 2406 2407 2408 2409 2410 2411 2412 2413 2414 2415 2416 2417 2418 2419 2420 2421 2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2435 2436 2437 2438 2439 2440 2441 2442 2443 2444 2445 2446 2447 2448 2449 2450 2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466 2467 2468 2469 2470 2471 2472 2473 2474 2475 2476 2477 2478 2479 2480 2481 2482 2483 2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497 2498 2499 2500 2501 2502 2503 2504 2505 2506 2507 2508 2509 2510 2511 2512 2513 2514 2515 2516 2517 2518 2519 2520 2521 2522 2523 2524 2525 2526 2527 2528 2529 2530 2531 2532 2533 2534 2535 2536 2537 2538 2539 2540 2541 2542 2543 2544 2545 2546 2547 2548 2549 2550 2551 2552 2553 2554 2555 2556 2557 2558 2559 2560 2561 2562 2563 2564 2565 2566 2567 2568 2569 2570 2571 2572 2573 2574 2575 2576 2577 2578 2579 2580 2581 2582 2583 2584 2585 2586 2587 2588 2589 2590 2591 2592 2593 2594 2595 2596 2597 2598 2599 2600 2601 2602 2603 2604 2605 2606 2607 2608 2609 2610 2611 2612 2613 2614 2615 2616 2617 2618 2619 2620 2621 2622 2623 2624 2625 2626 2627 2628 2629 2630 2631 2632 2633 2634 2635 2636 2637 2638 2639 2640 2641 2642 2643 2644 2645 2646 2647 2648 2649 2650 2651 2652 2653 2654 2655 2656 2657 2658 2659 2660 2661 2662 2663 2664 2665 2666 2667 2668 2669 2670 2671 2672 2673 2674 2675 2676 2677 2678 2679 2680 2681 2682 2683 2684 2685 2686 2687 2688 2689 2690 2691 2692 2693 2694 2695 2696 2697 2698 2699 2700 2701 2702 2703 2704 2705 2706 2707 2708 2709 2710 2711 2712 2713 2714 2715 2716 2717 2718 2719 2720 2721 2722 2723 2724 2725 2726 2727 2728 2729 2730 2731 2732 2733 2734 2735 2736 2737 2738 2739 2740 2741 2742 2743 2744 2745 2746 2747 2748 2749 2750 2751 2752 2753 2754 2755 2756 2757 2758 2759 2760 2761 2762 2763 2764 2765 2766 2767 2768 2769 2770 2771 2772 2773 2774 2775 2776 2777 2778 2779 2780 2781 2782 2783 2784 2785 2786 2787 2788 2789 2790 2791 2792 2793 2794 2795 2796 2797 2798 2799 2800 2801 2802 2803 2804 2805 2806 2807 2808 2809 2810 2811 2812 2813 2814 2815 2816 2817 2



230-11-65

FIG  
23-11F



002130-061200

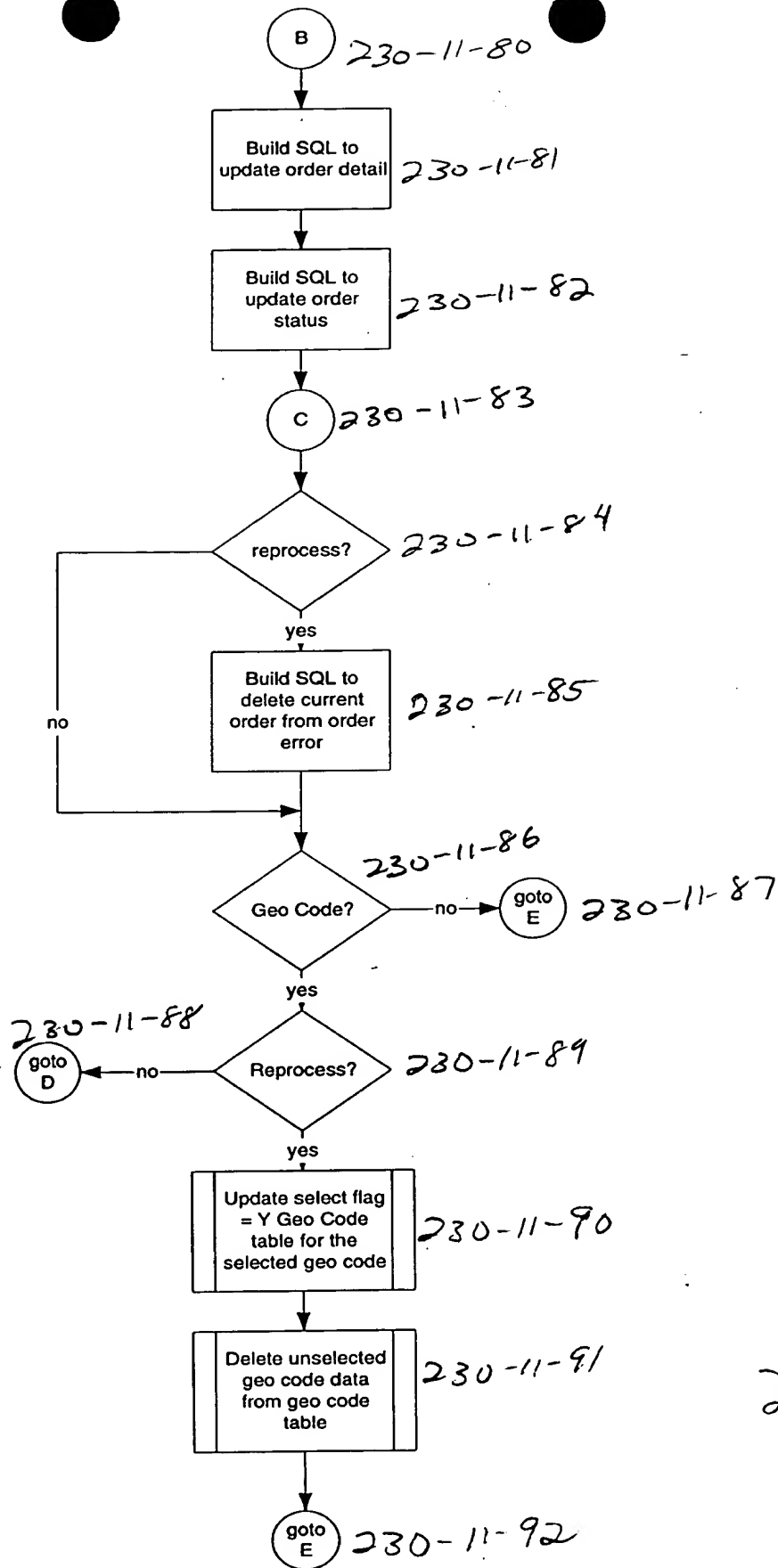
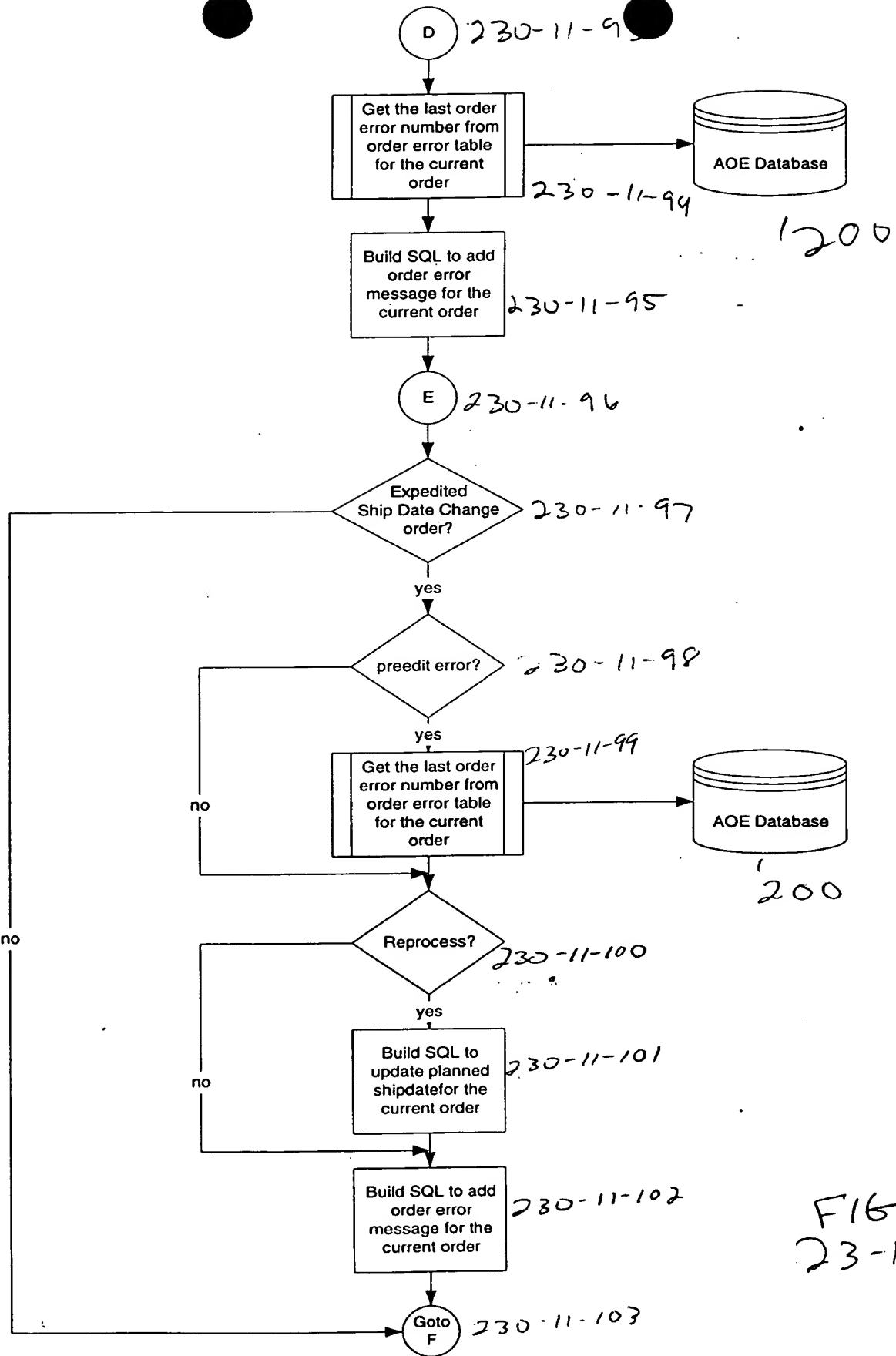
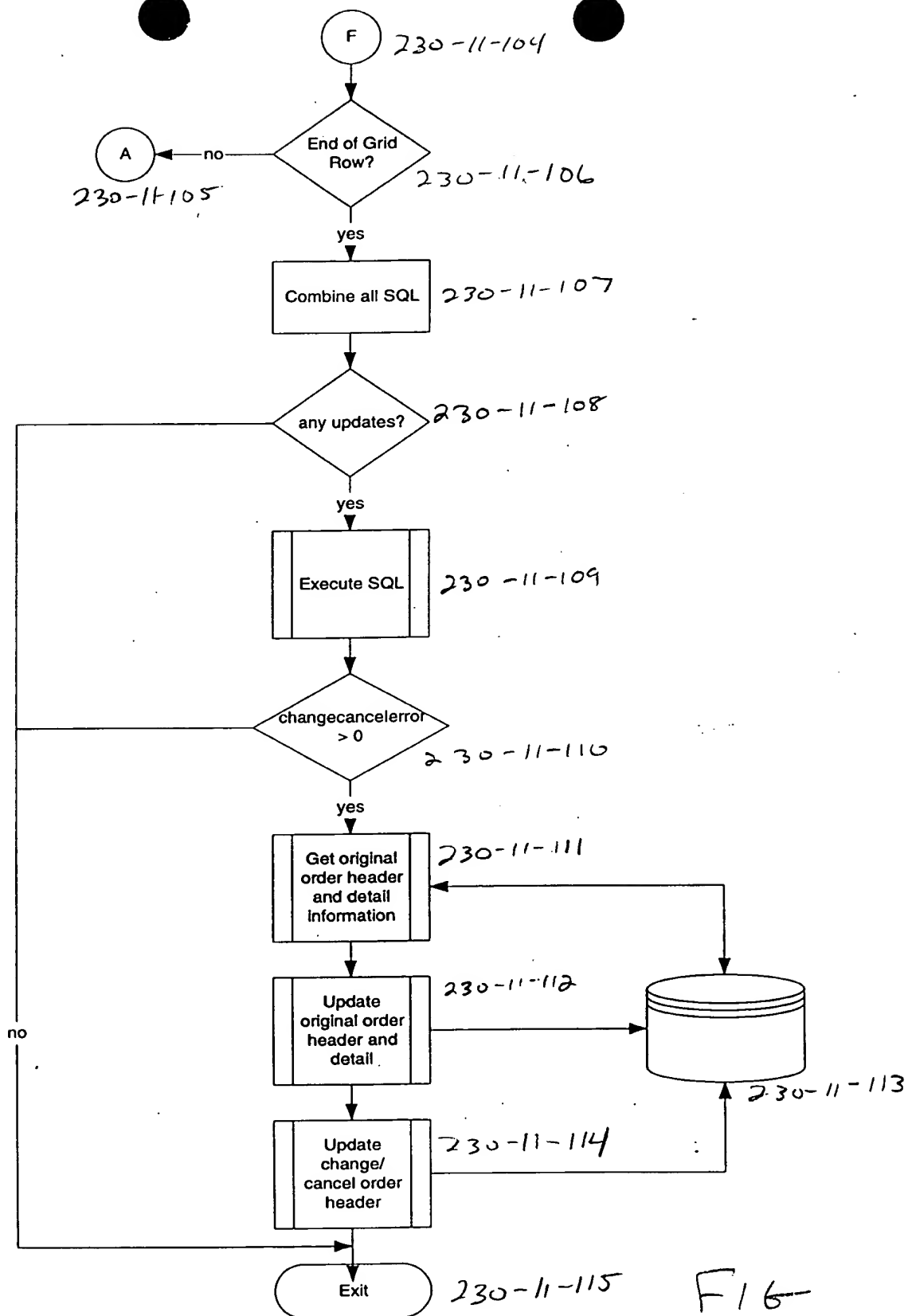


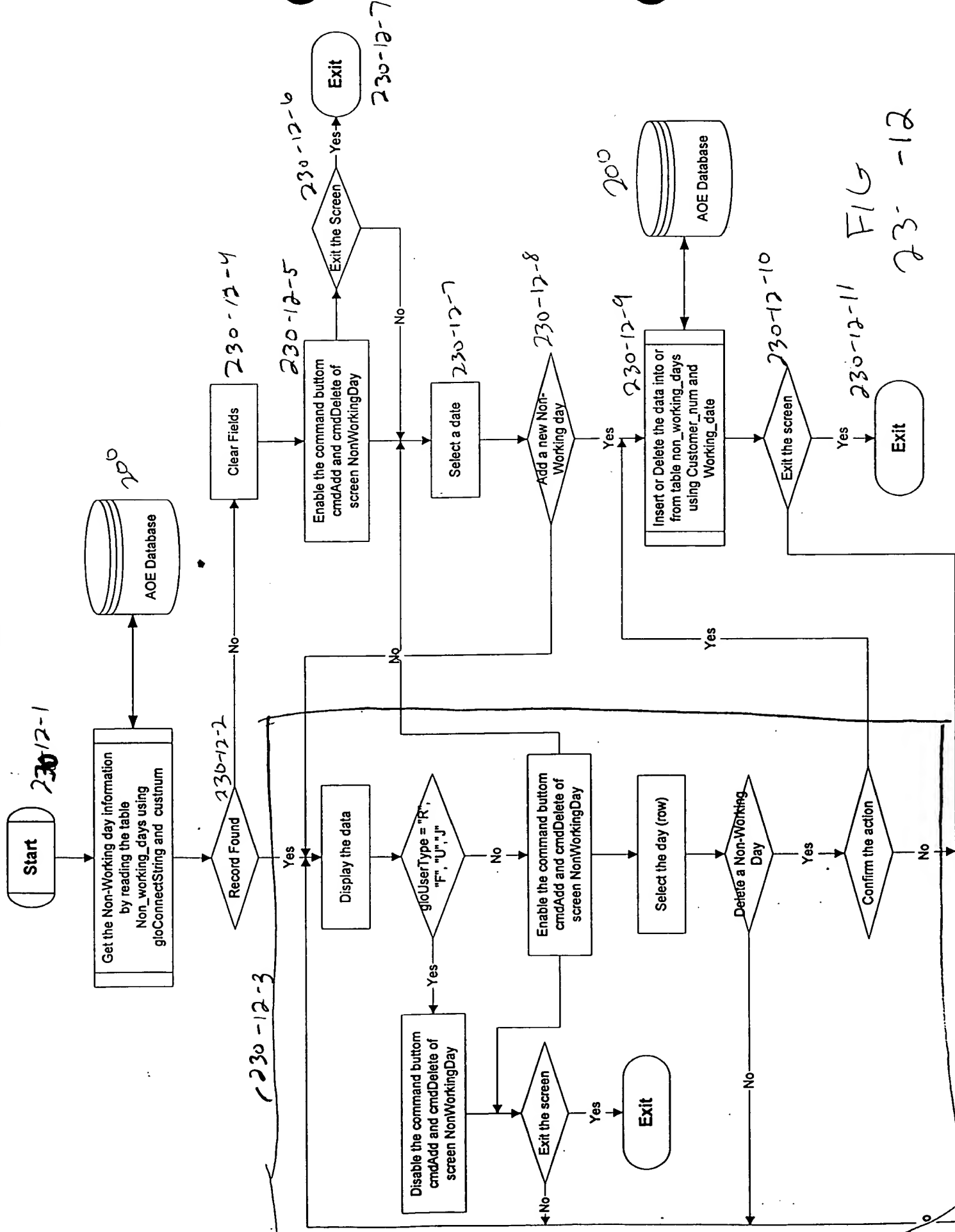
FIG  
23-11H

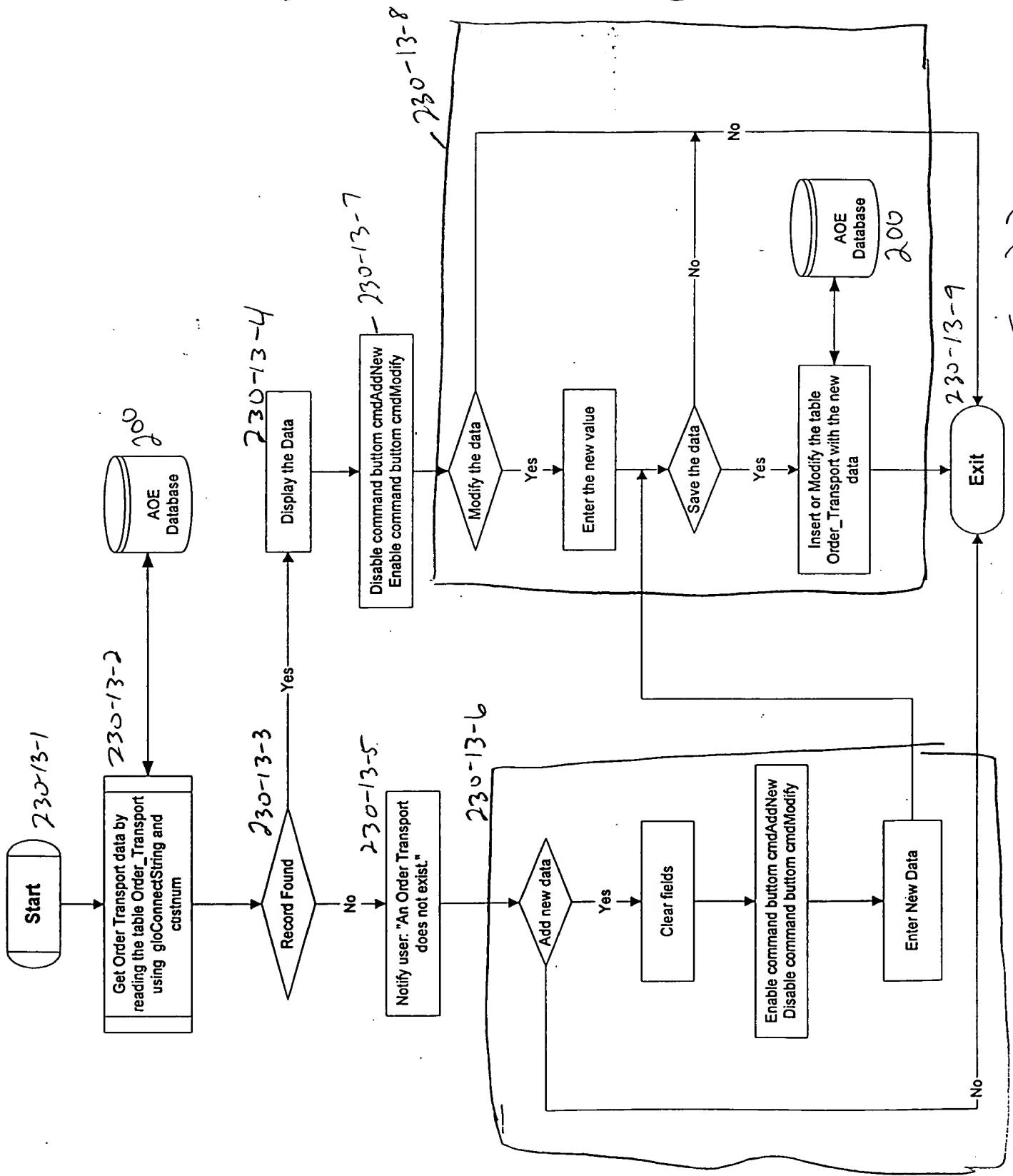
0059913-061300



[illegible]

F16  
23-11 J





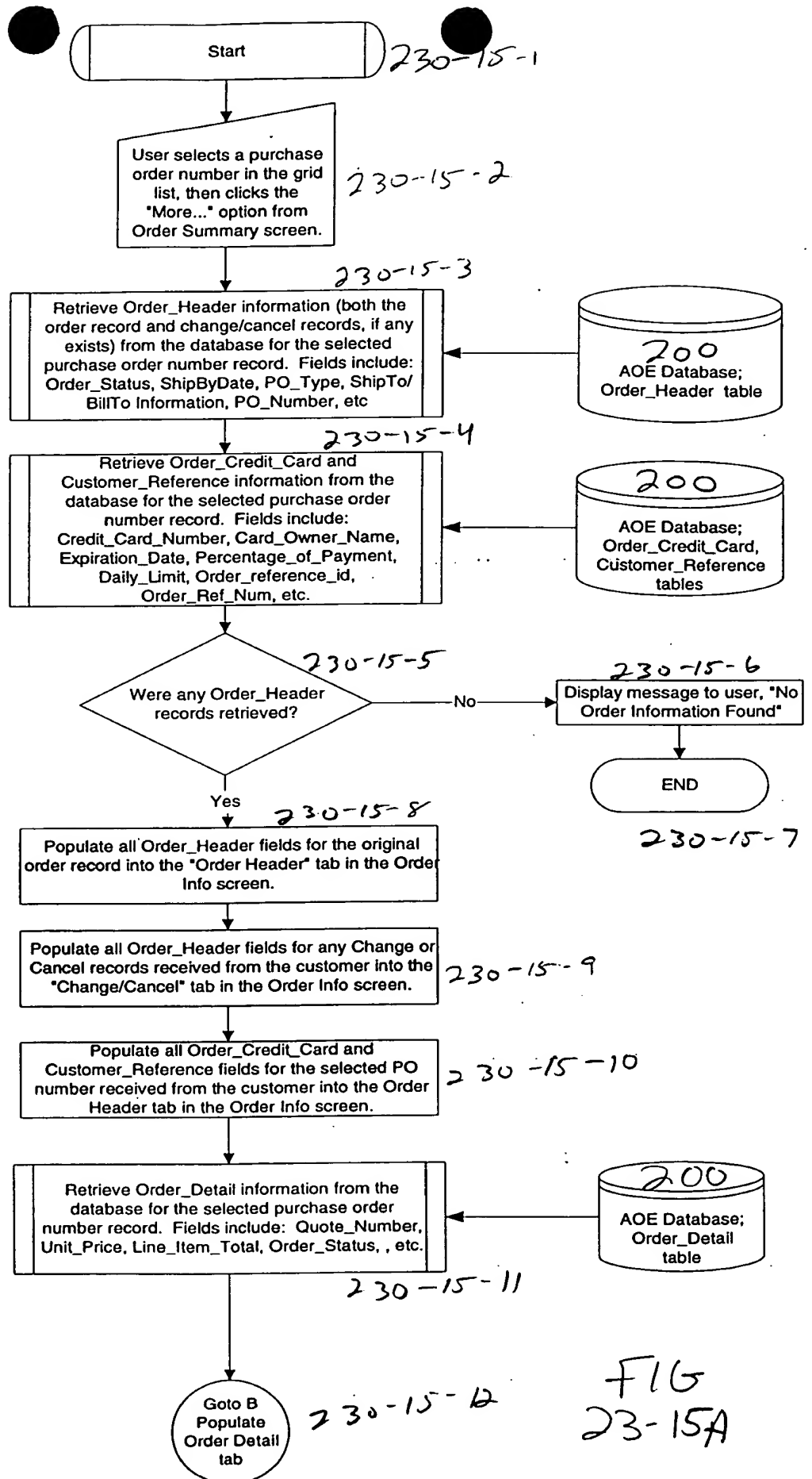


FIG  
23-15A



AOE Database;  
Order\_Option  
table

200

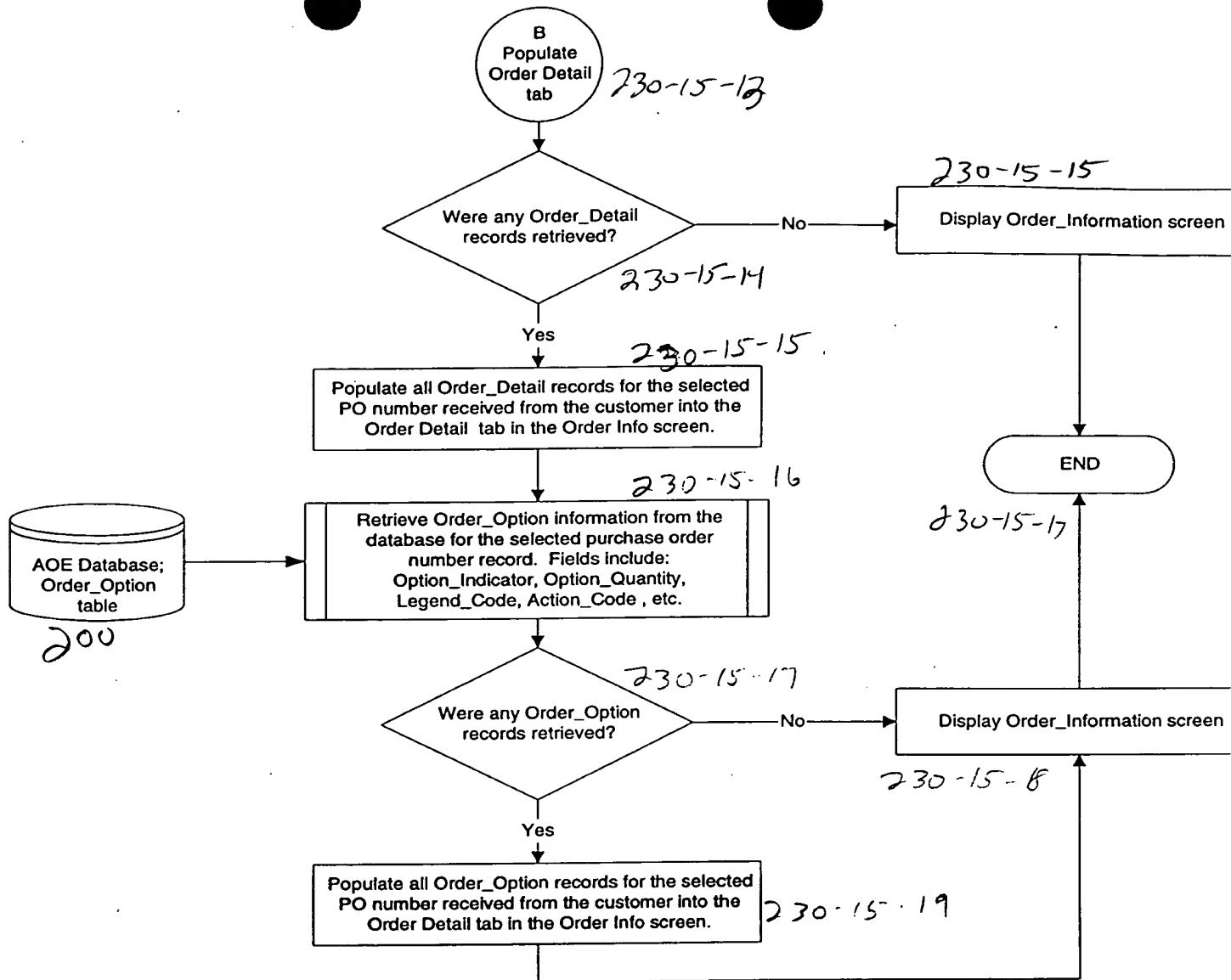


FIG 23-15 B

**SECRET**

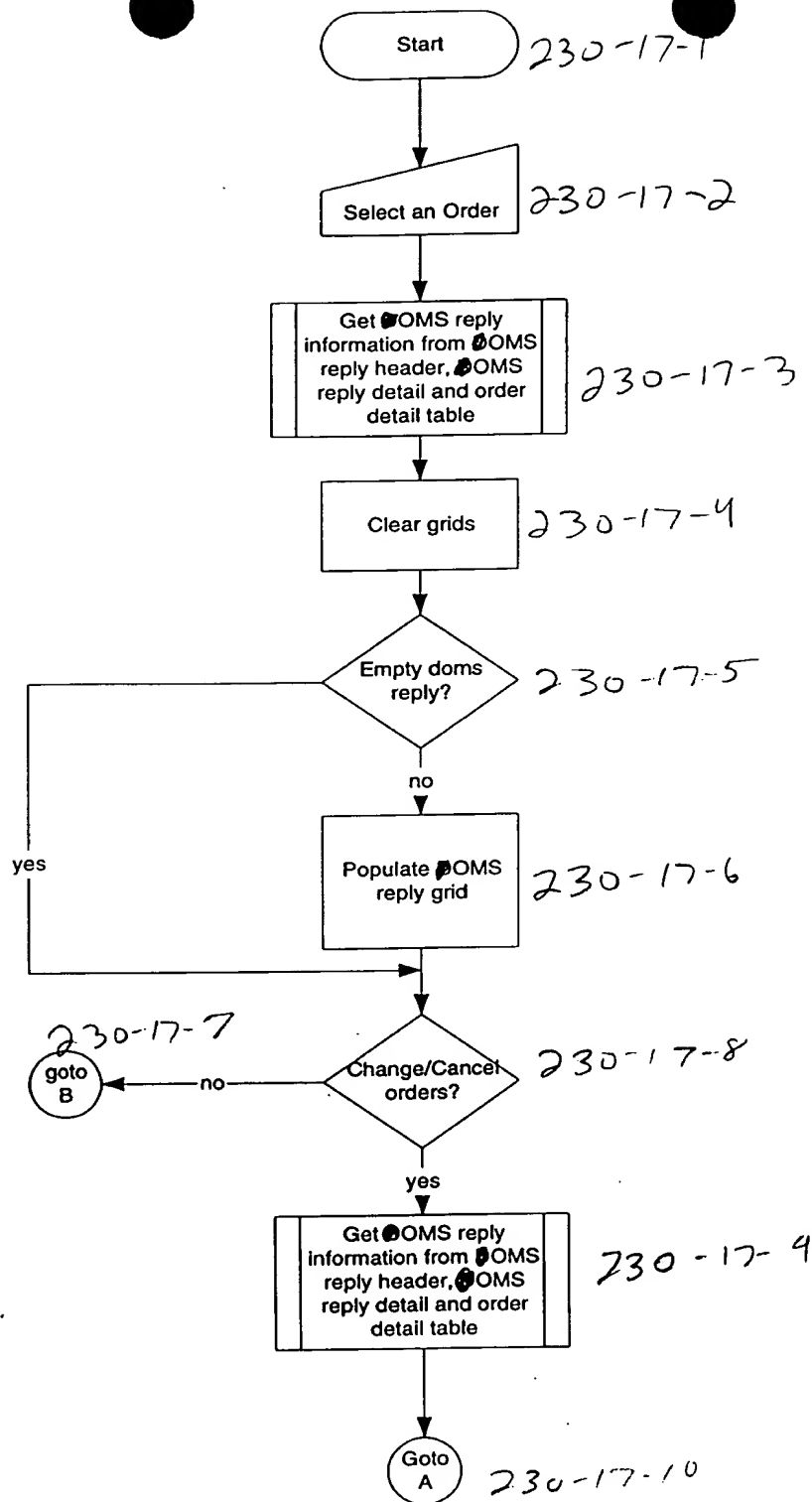


FIG. 23-17A

00593112 061200

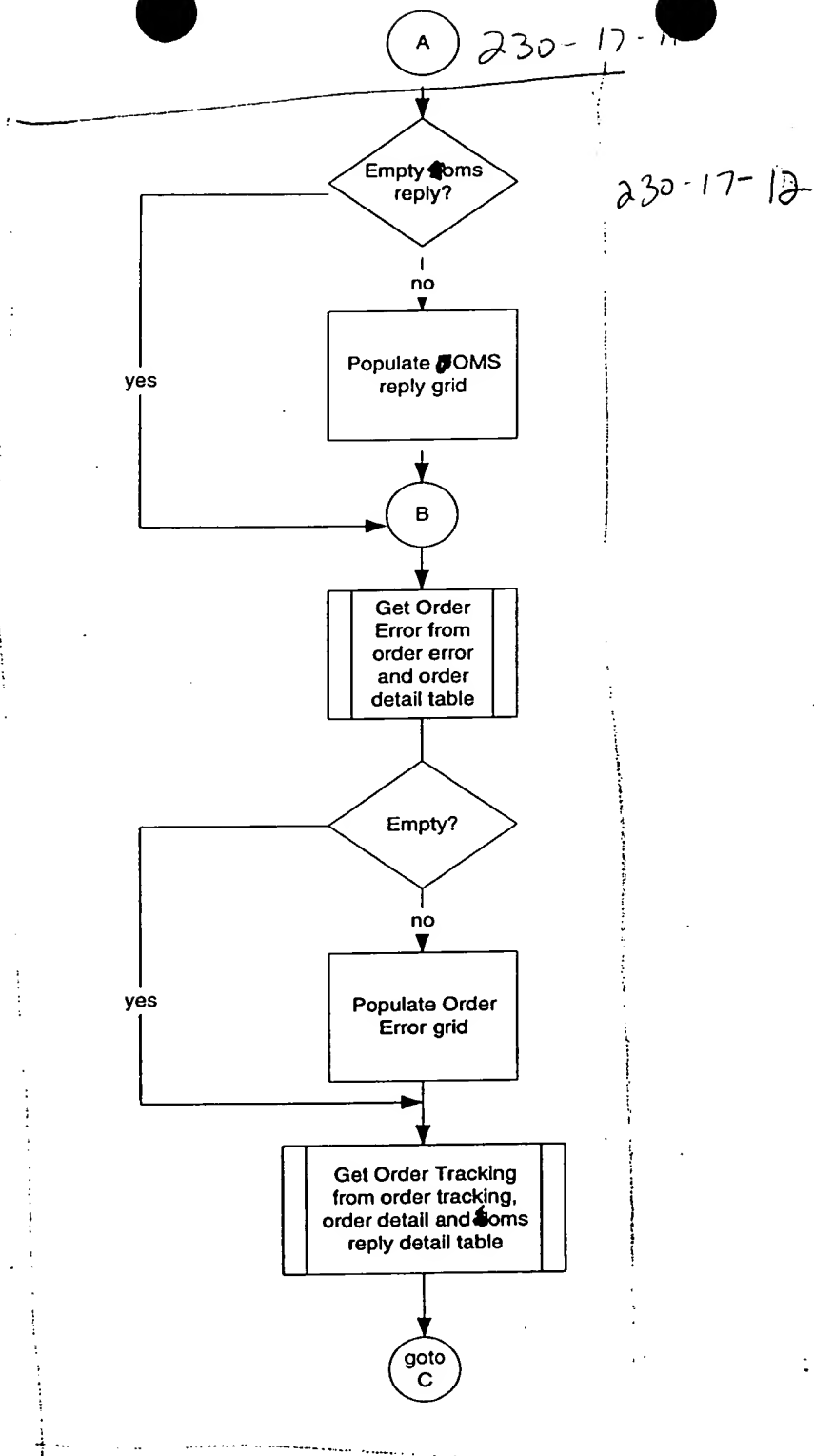


FIG. 23-17B

090914Z 091000  
000000Z 24120600

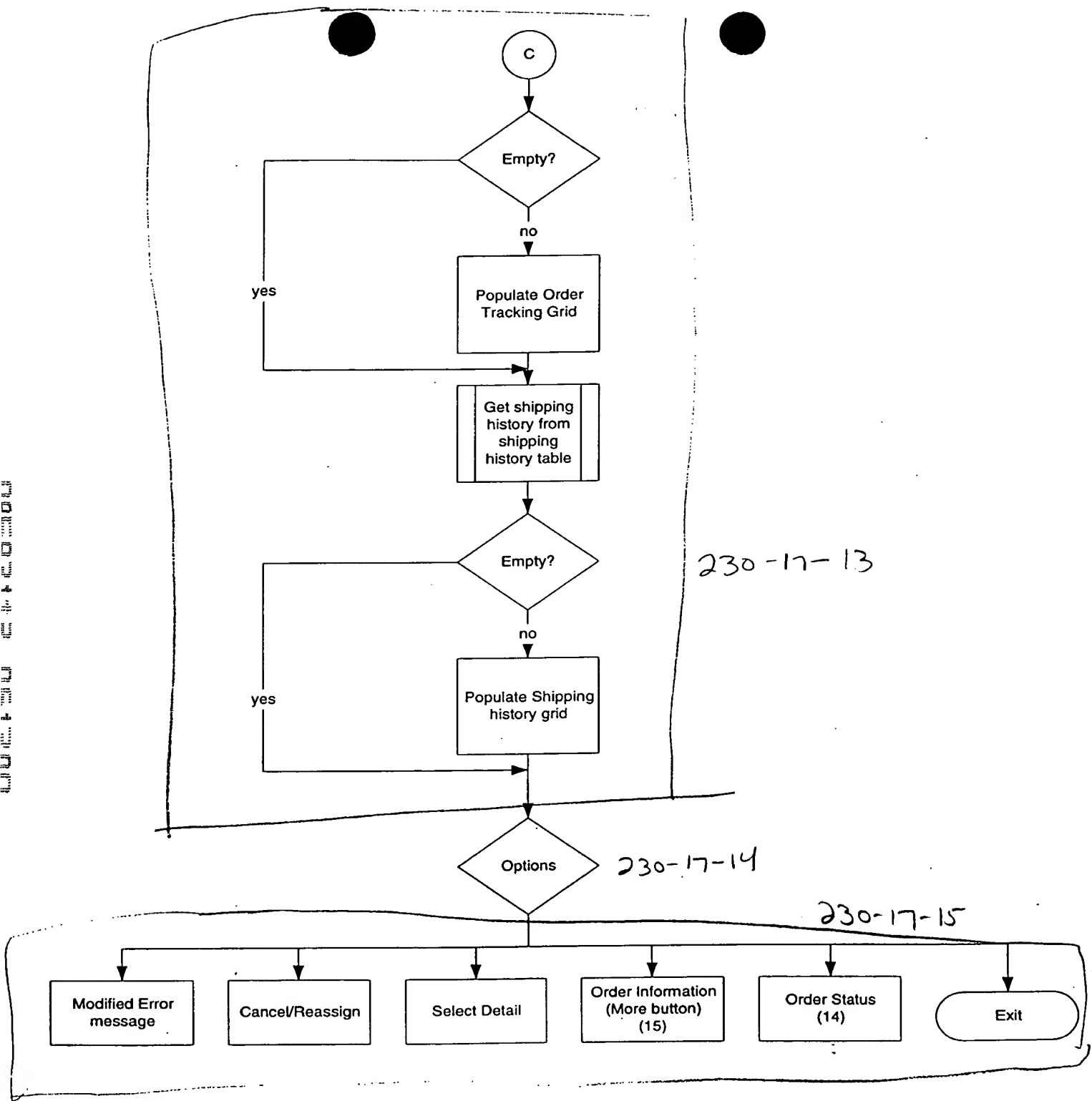


Fig. 23-17C

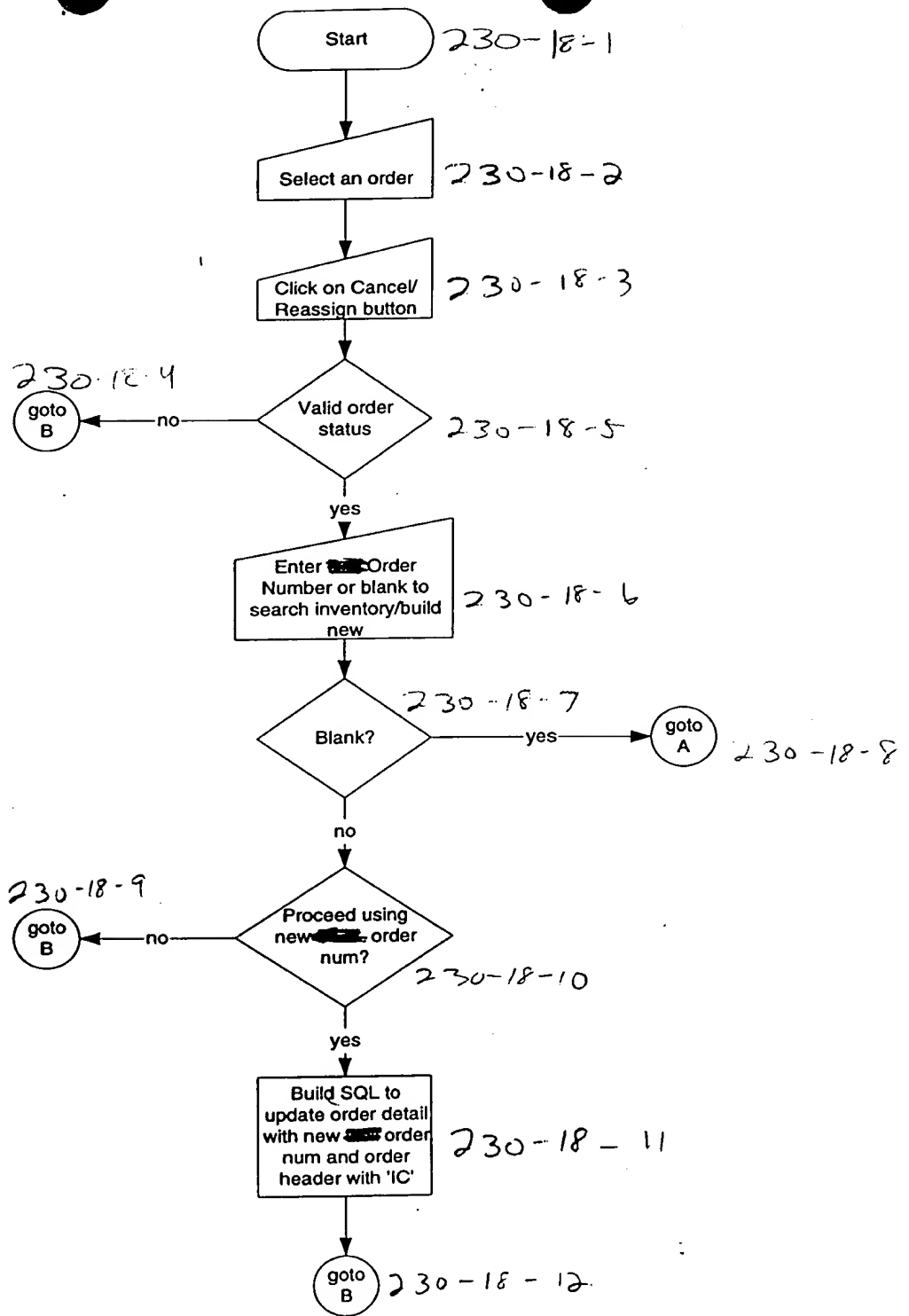


FIG 23-18A

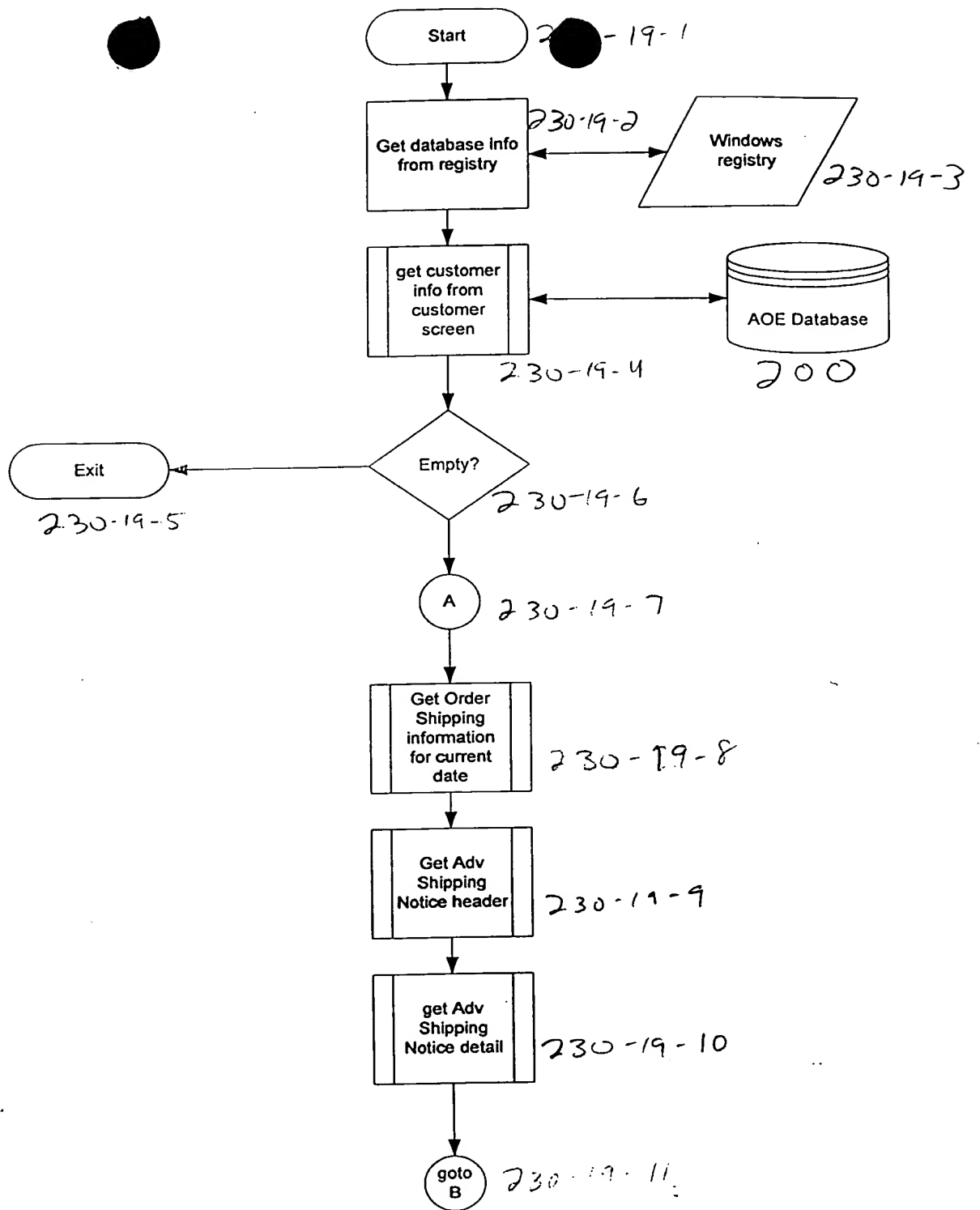


FIG. 23-19A

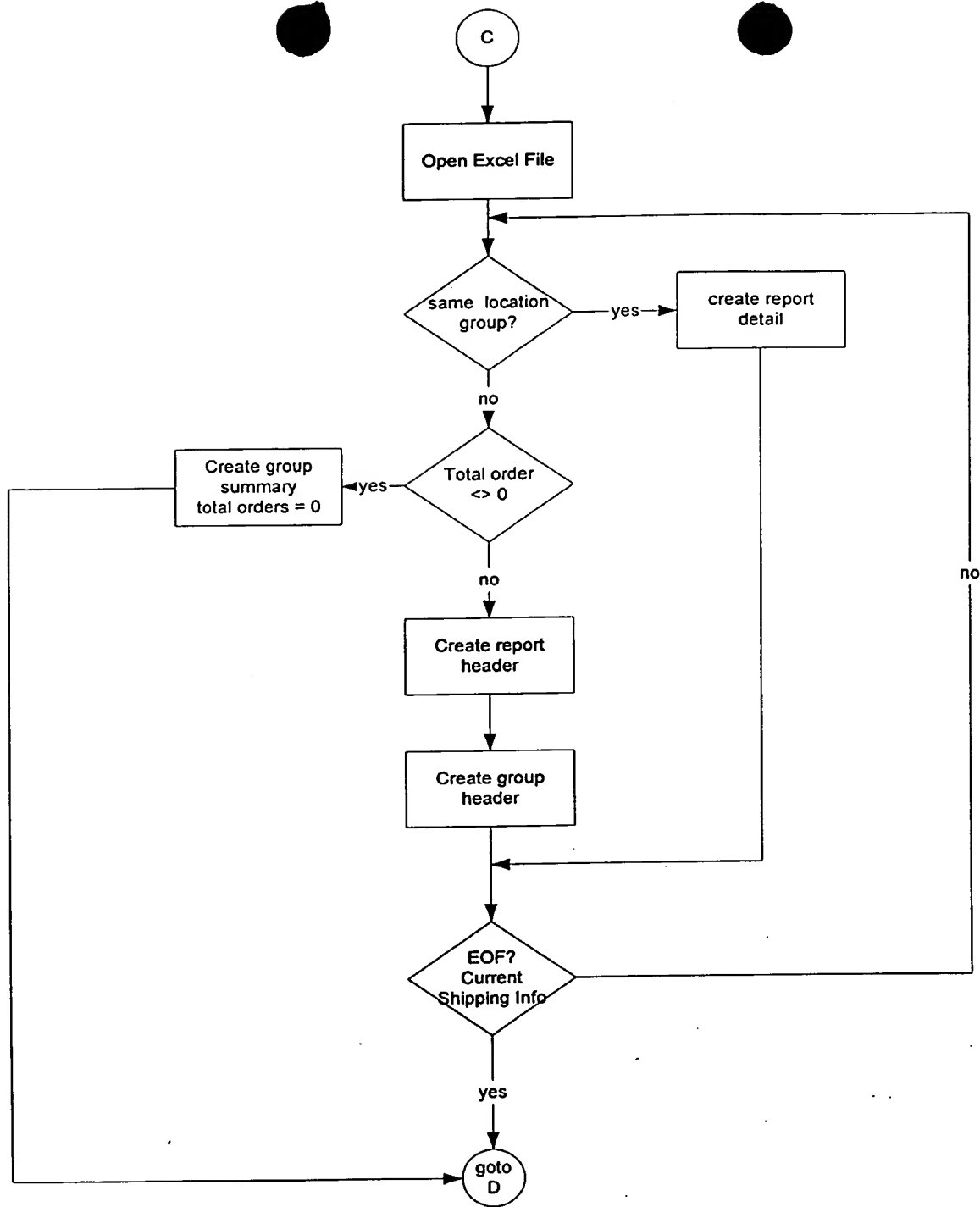
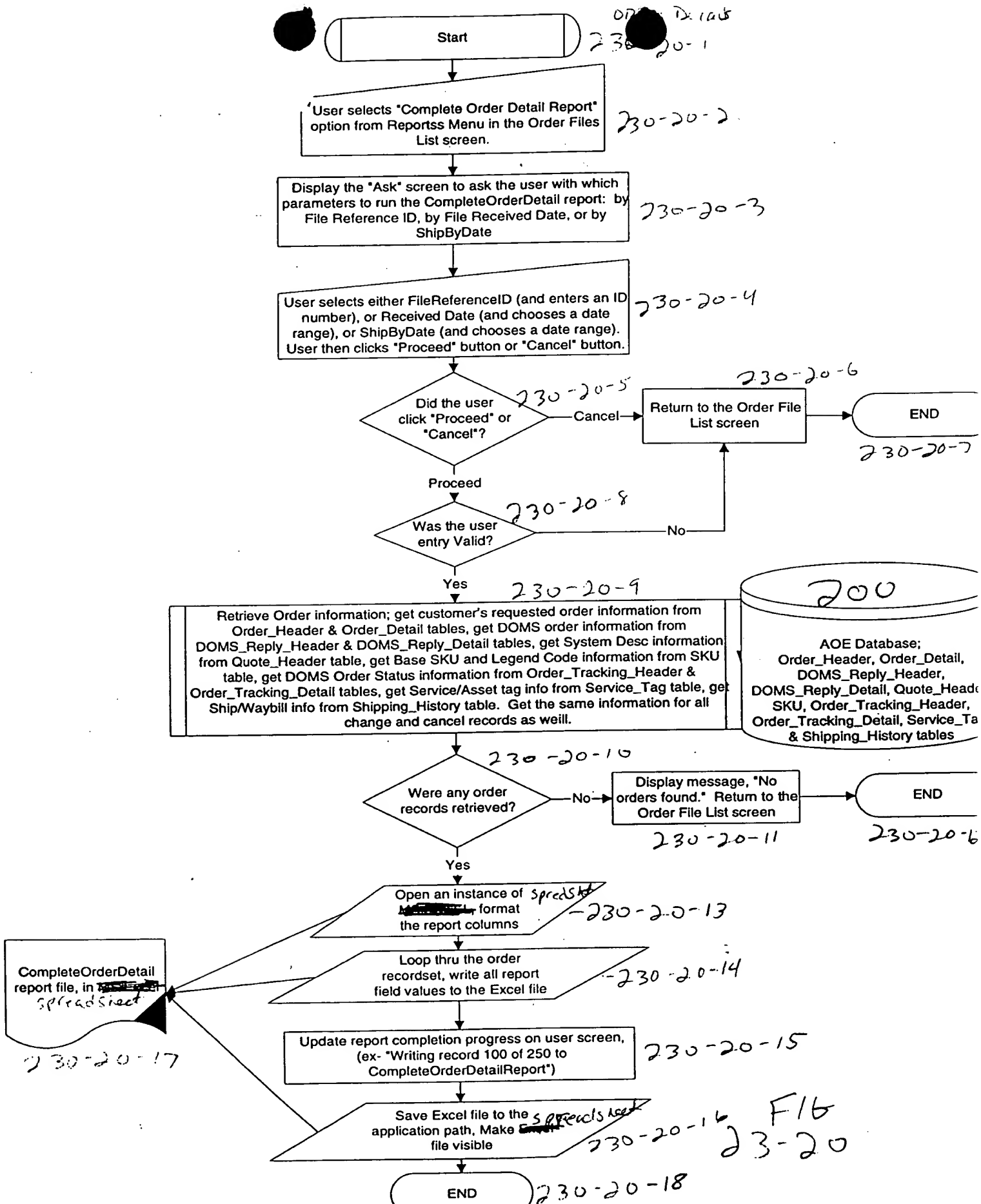
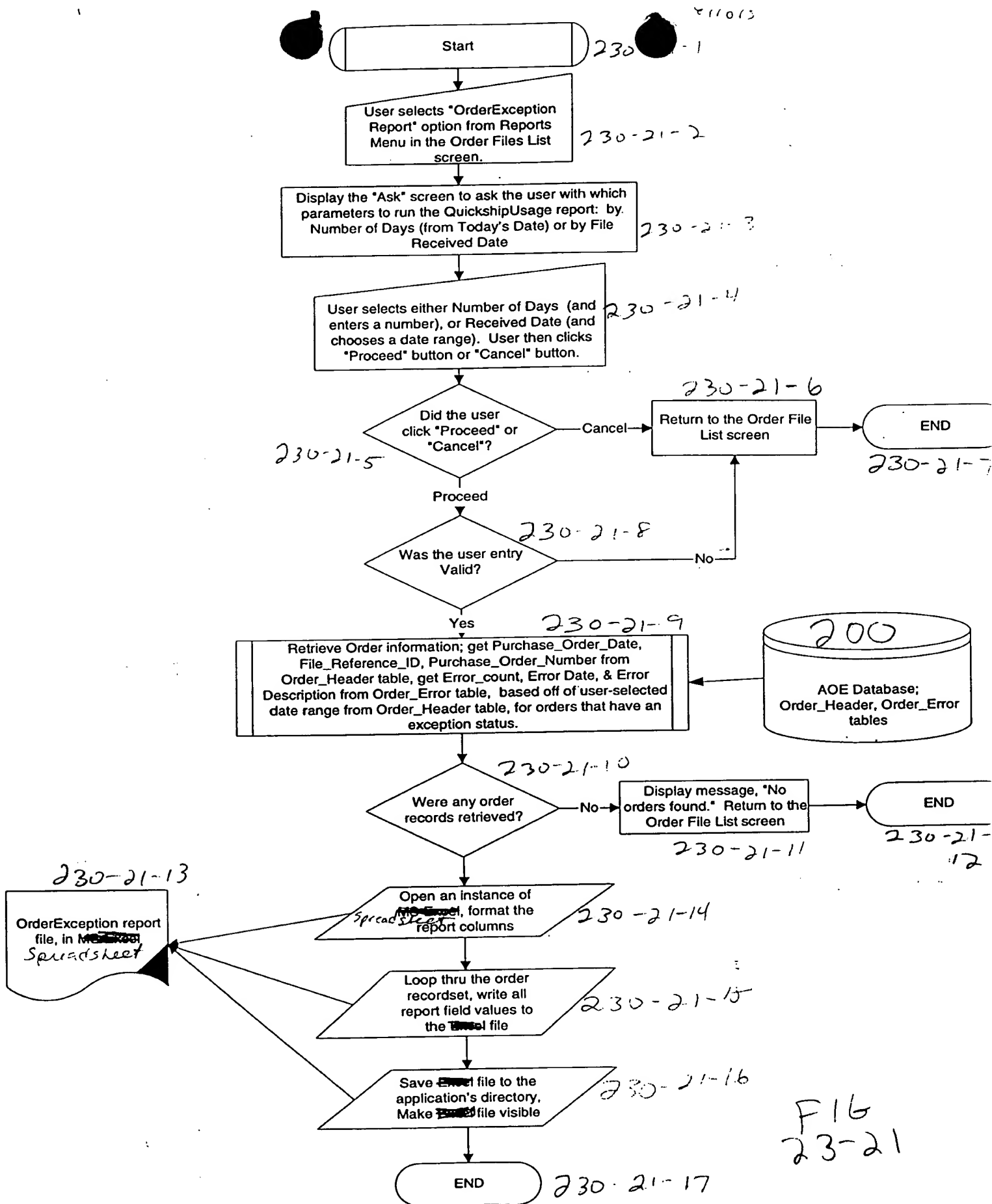


FIG 23-19B

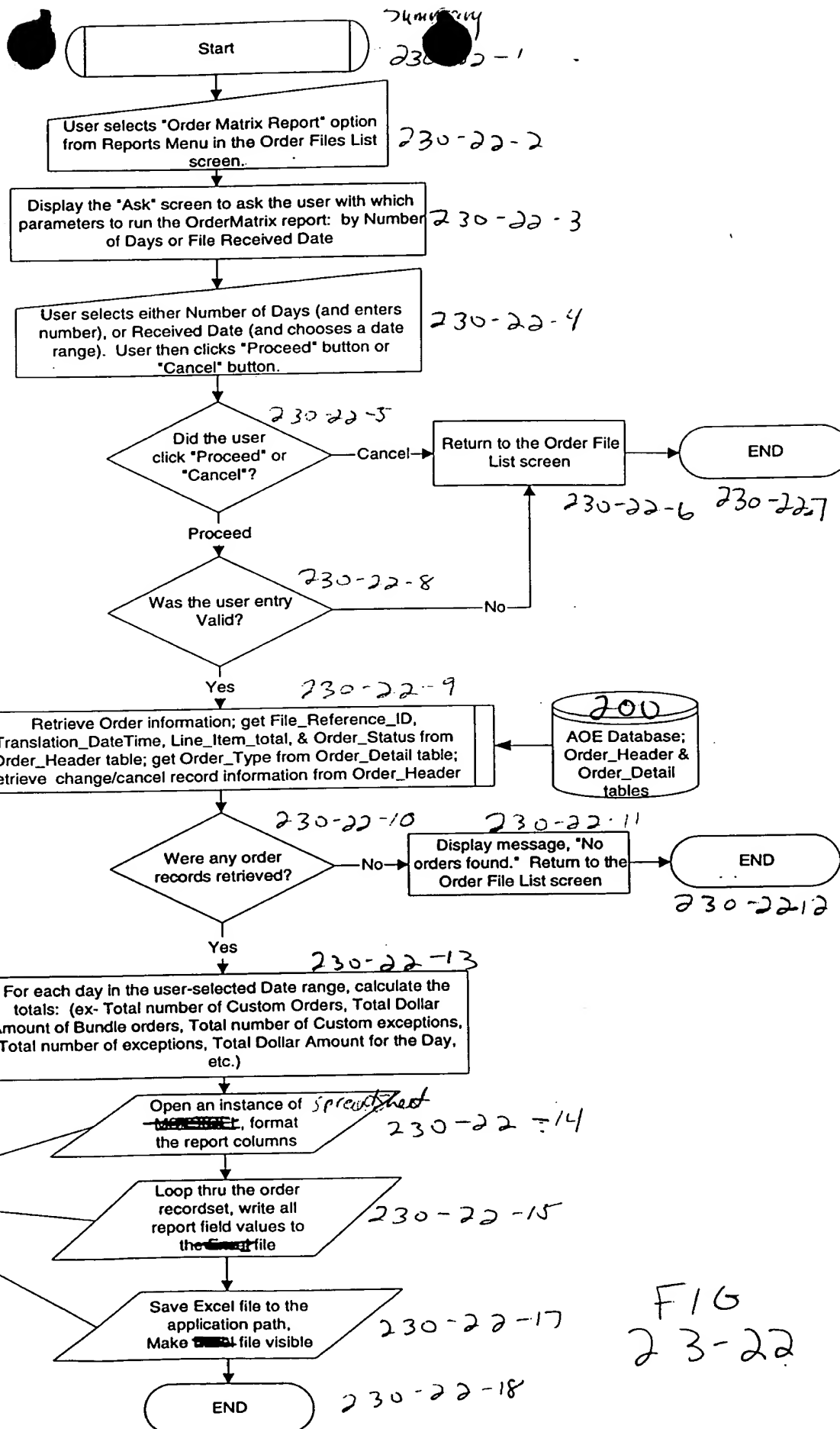




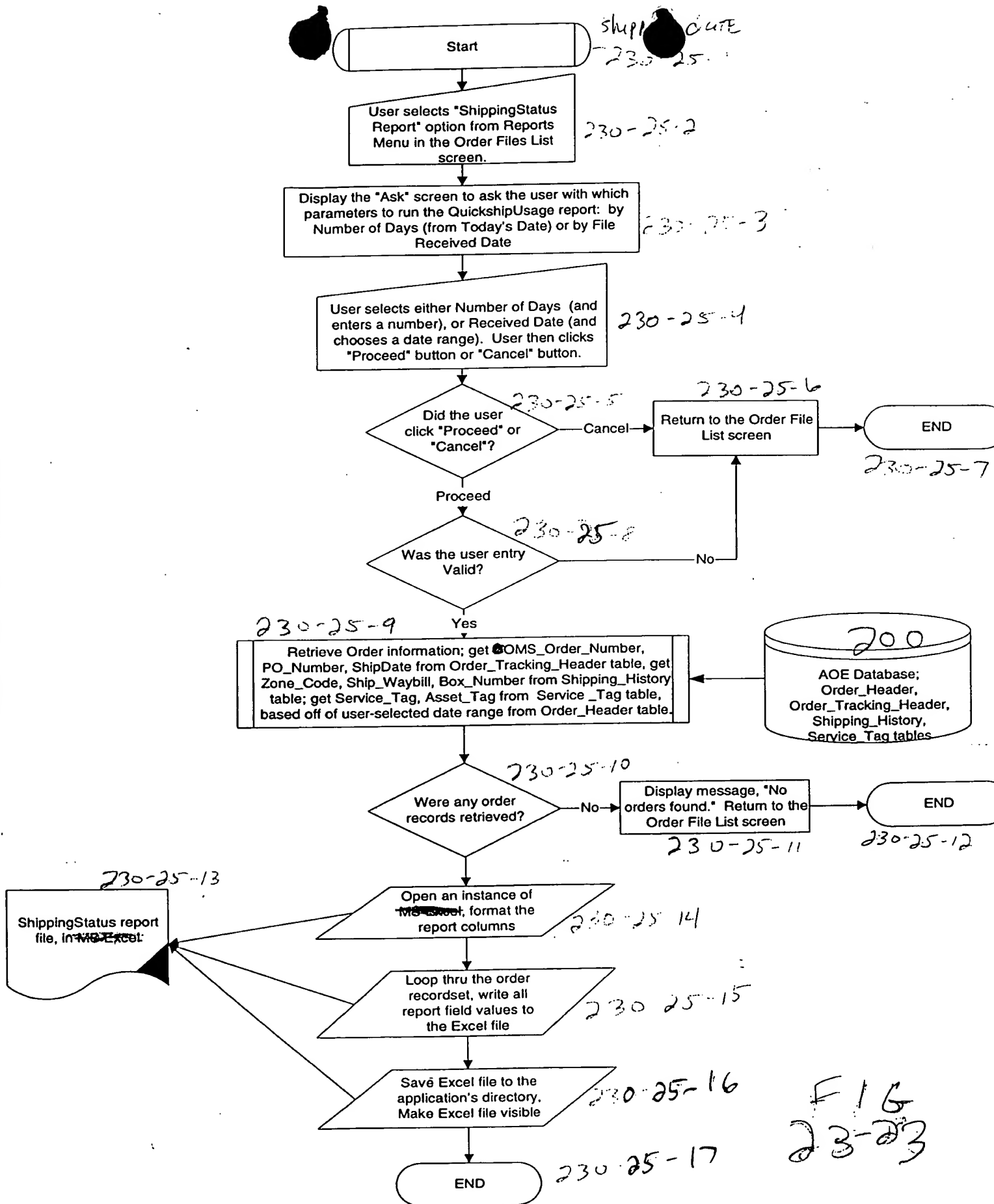
002150-212550



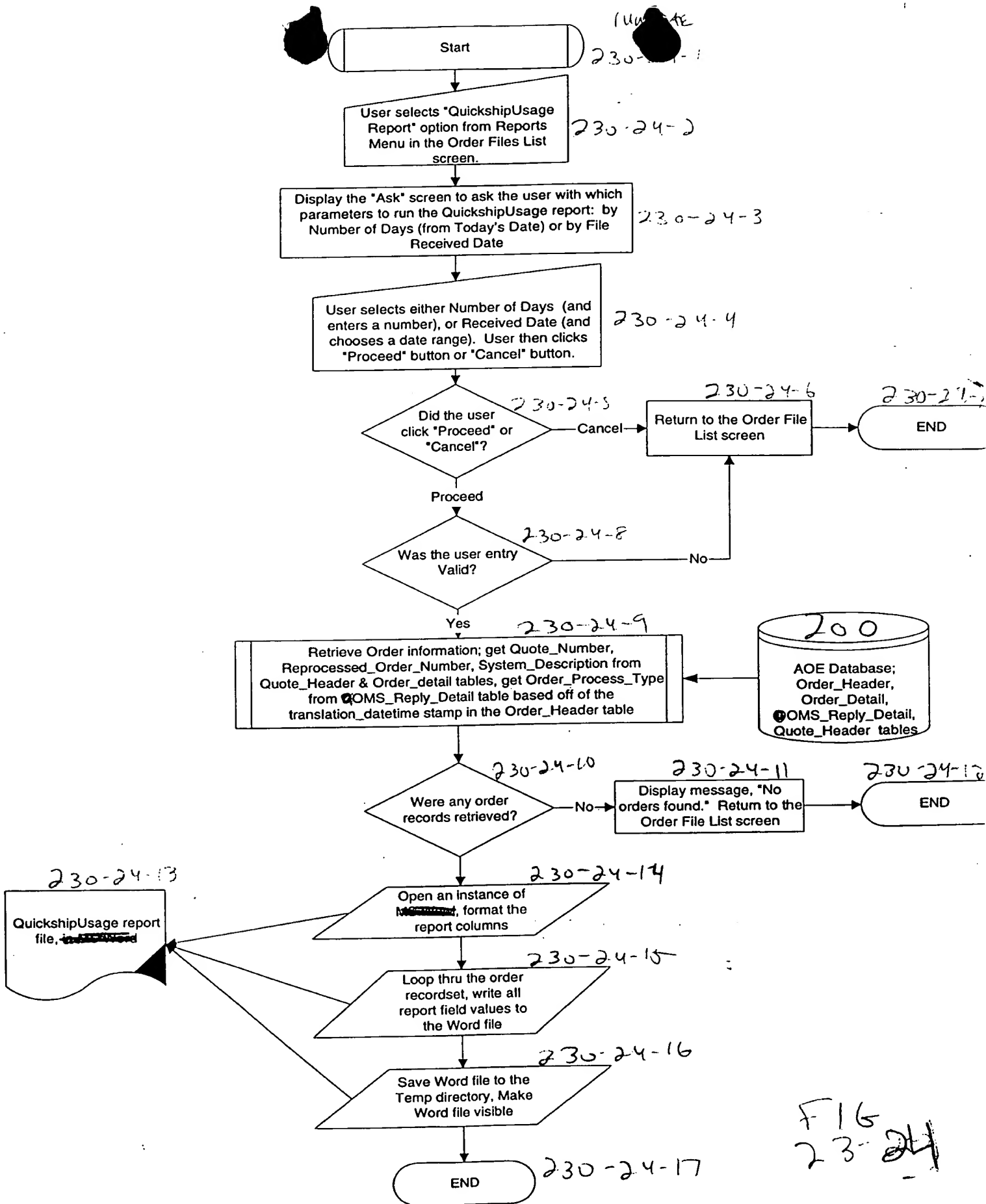
2025-01-27 15:50



00503112-001300



005094 12 06 13 000



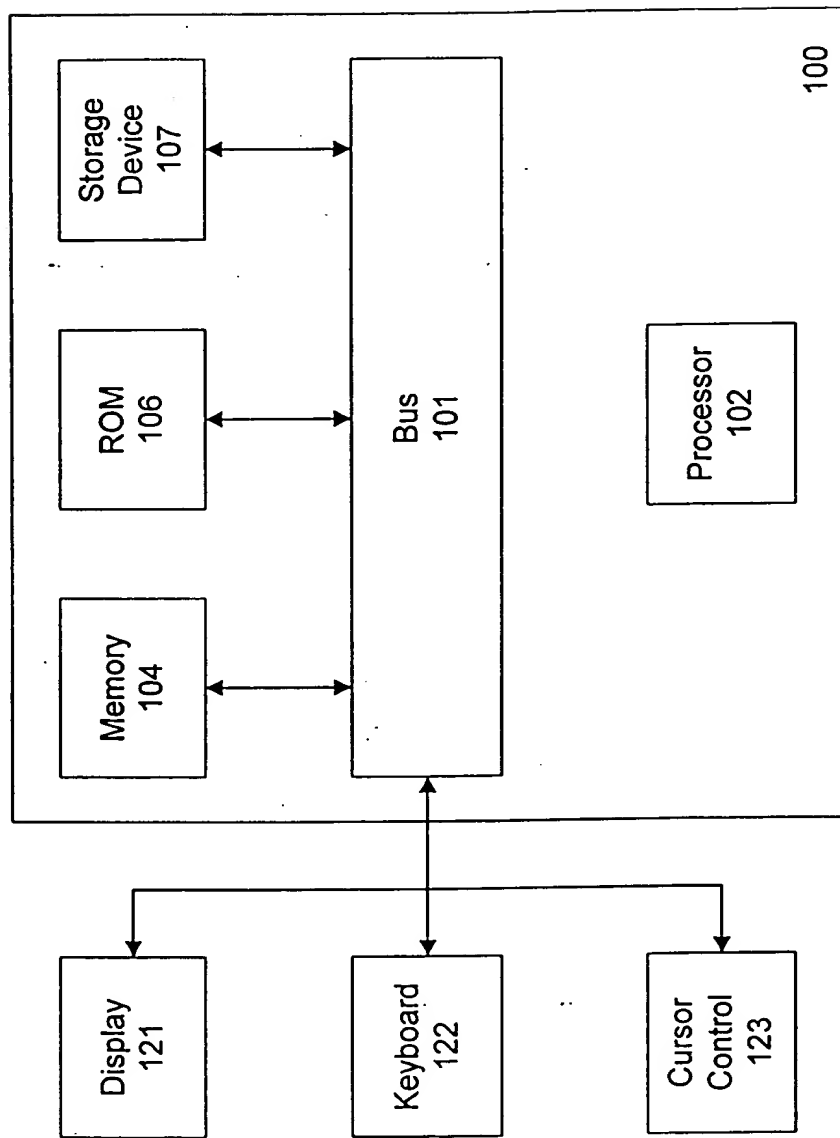


FIG. 1

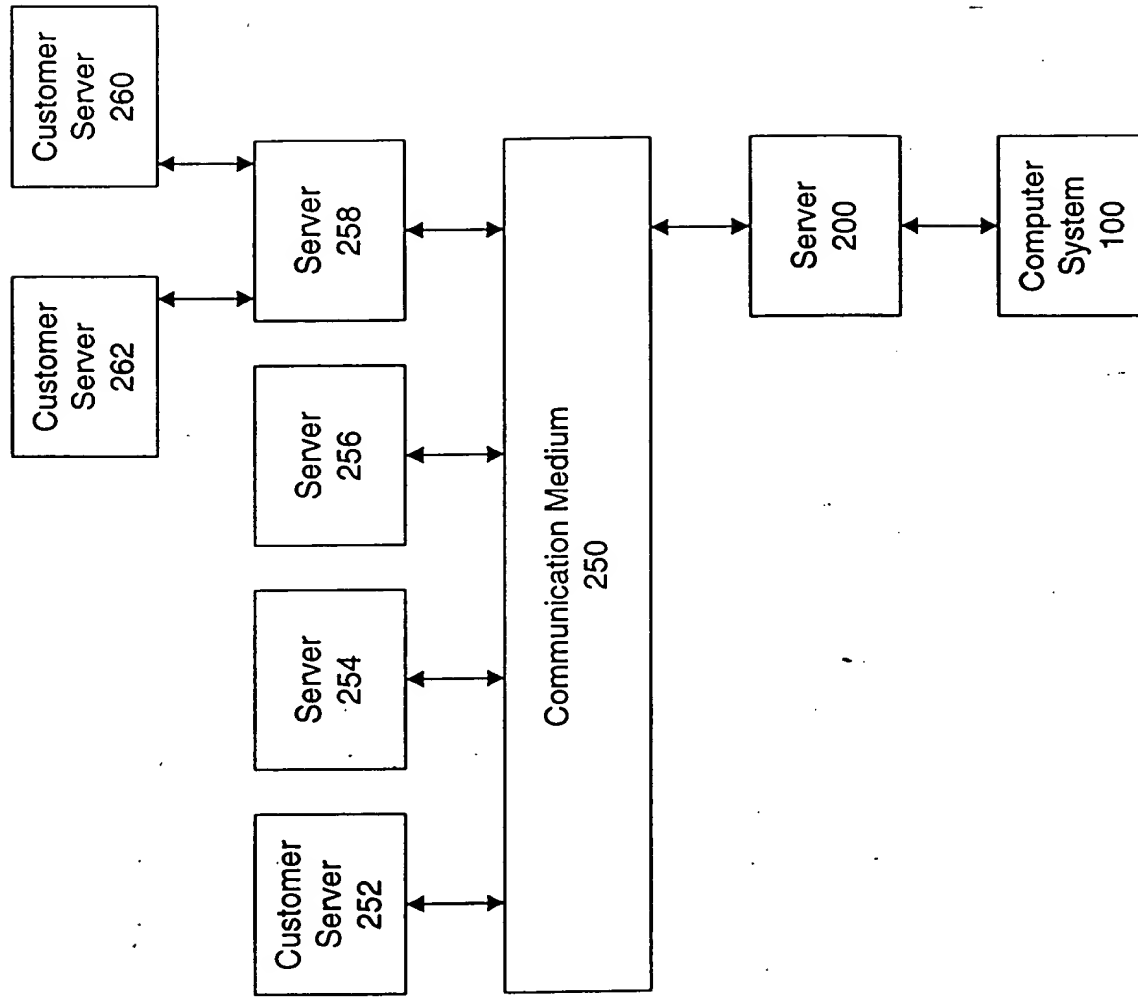


FIG. 2

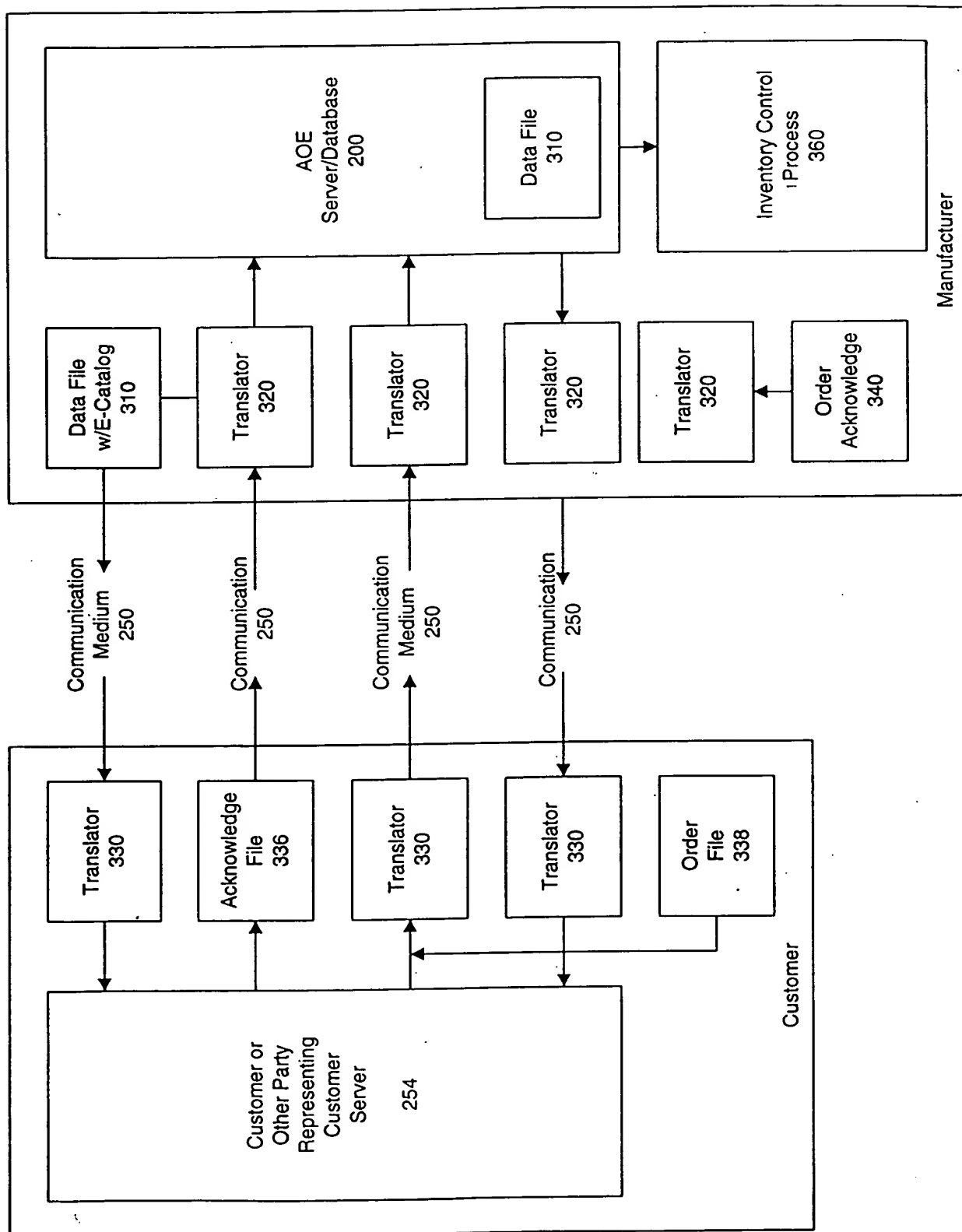
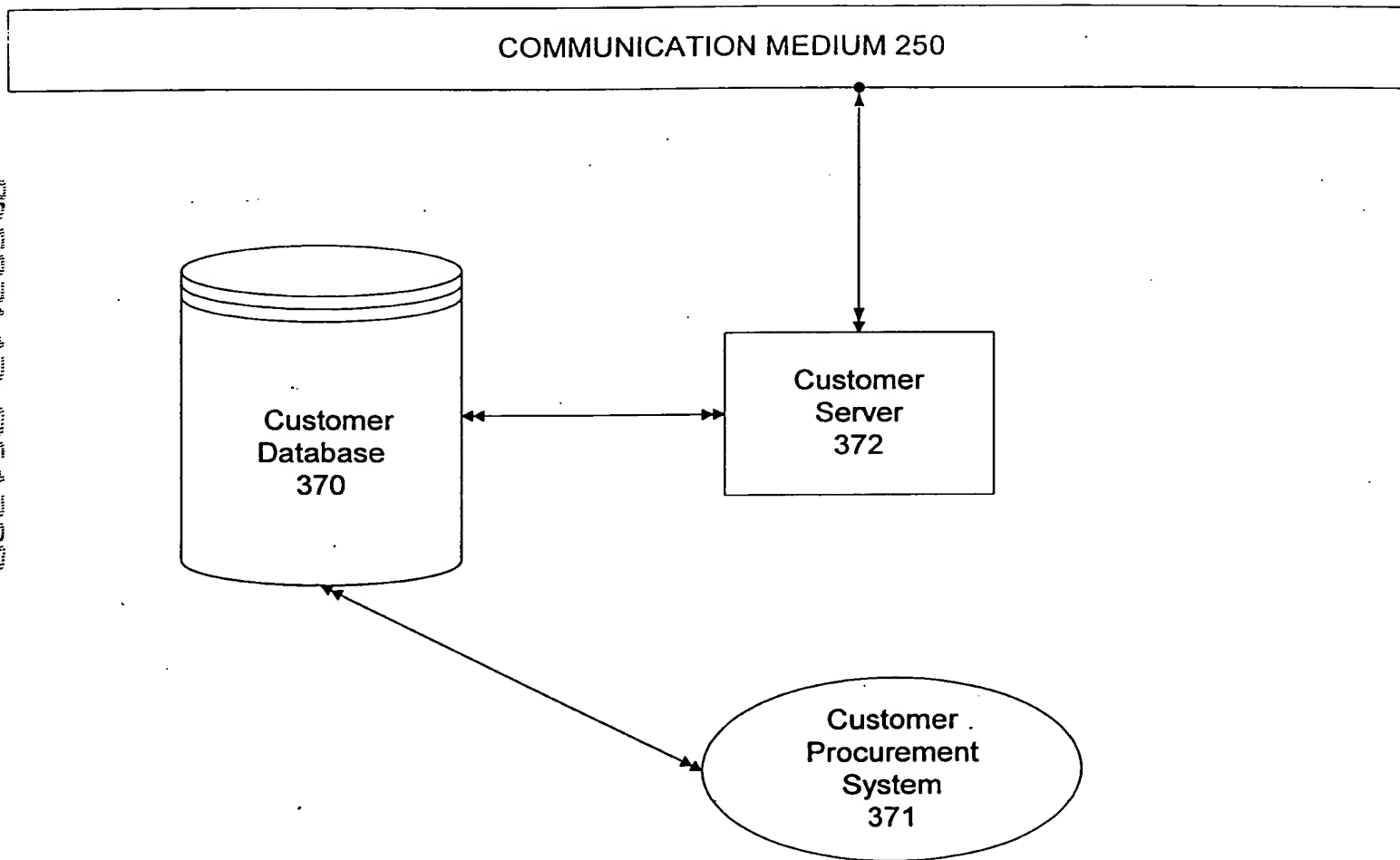
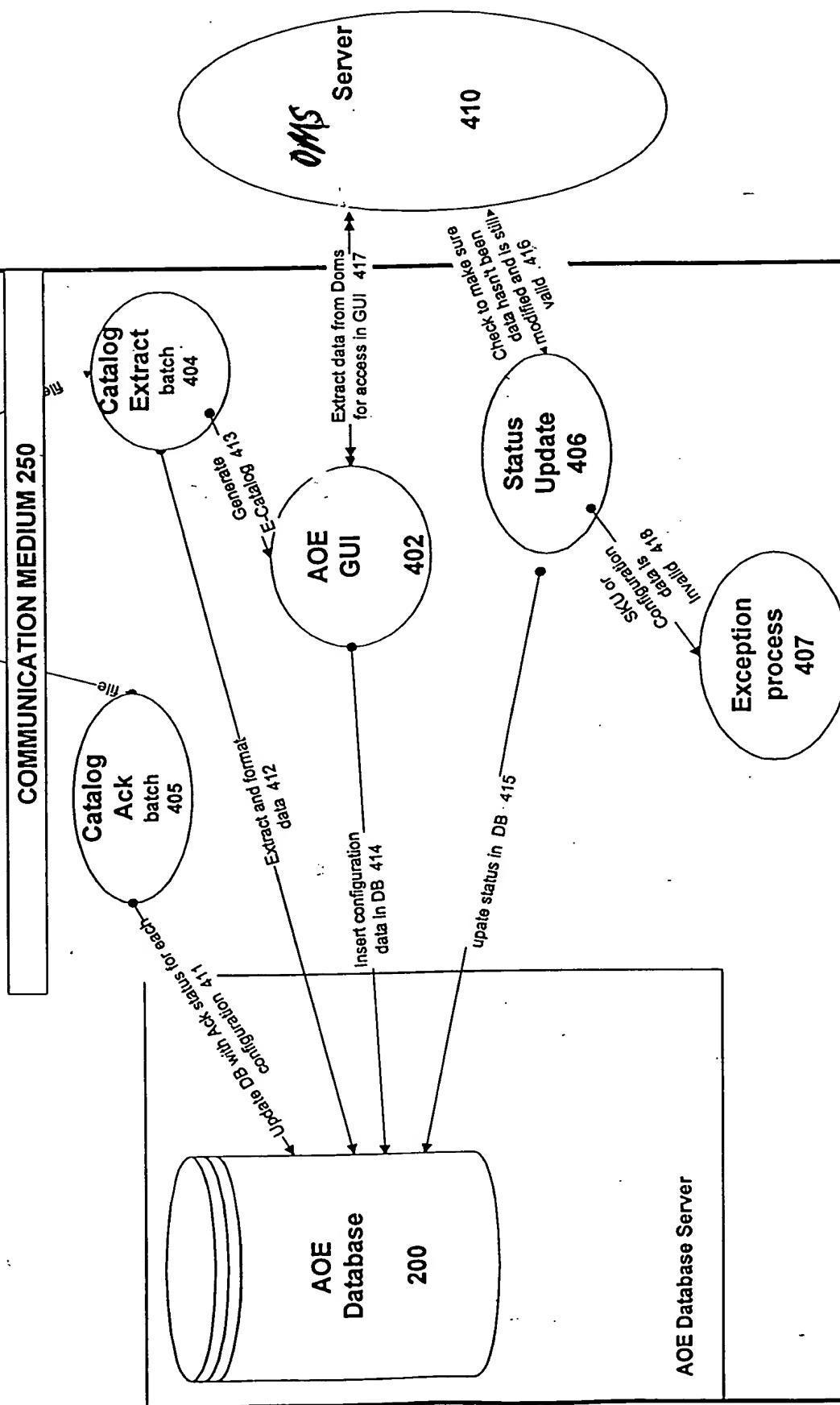


FIG. 3A



**Fig. 3B**





# OMS Server 410

OWS SYSTEM

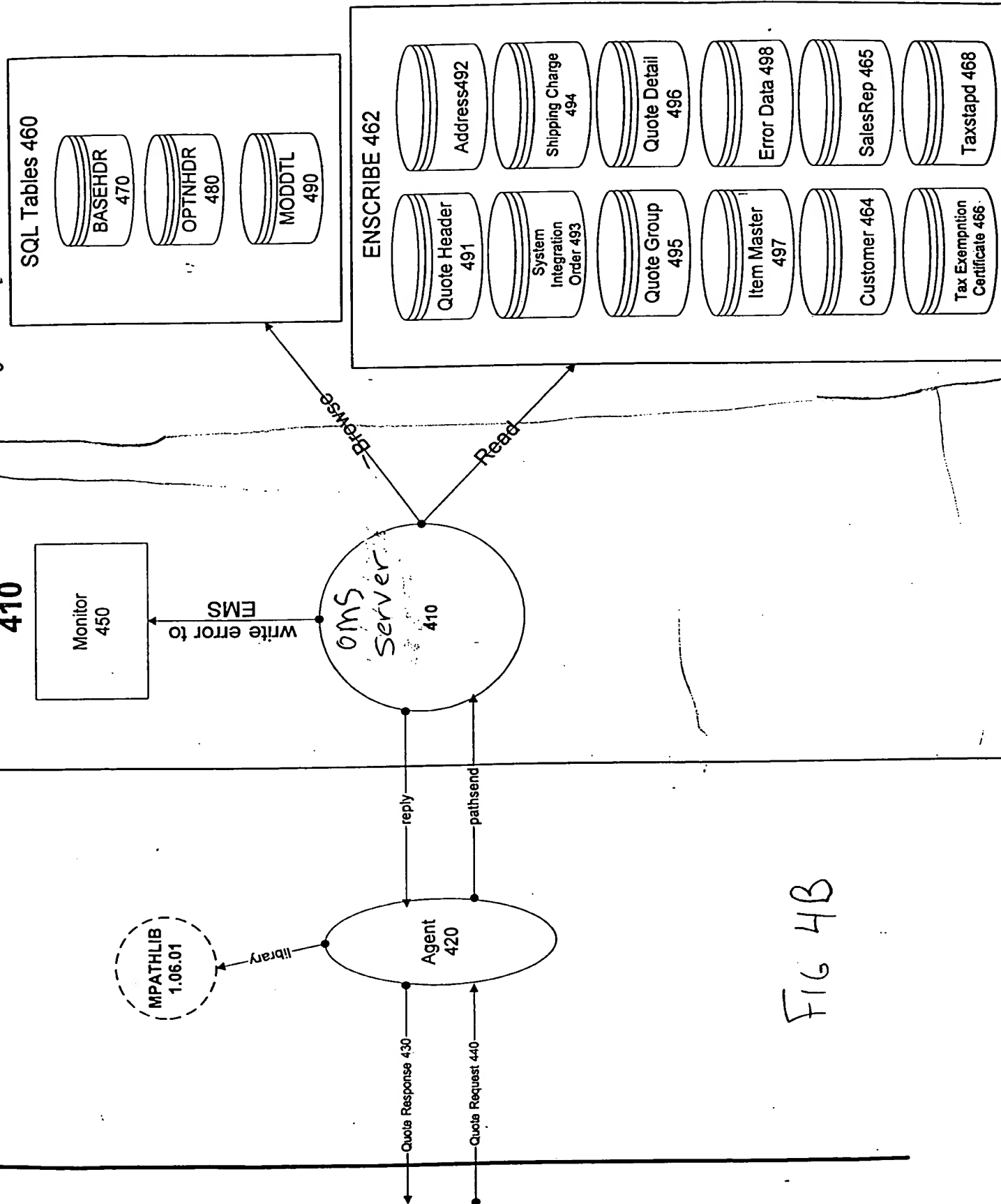


FIG 4B

```

graph TD
    Start([Start]) --> Decision1{Is there a previous instance of CatalogAck running?}
    Decision1 -- Yes --> End([END])
    Decision1 -- No --> Read1[/Read Oracle User_Name, Password, DSN, and BOMS's Messaging_Agent from the Server's Registry/]
    Read1 --> Open[Open a database connection]
    Open --> Write[/Write initial message to the NT Event Log, "Catalog Ack: Initialized Successfully."/]
    Write --> Retrieve[Retrieve FTP push/pull IP address information from Catalog and Catalog_transport tables]
    Retrieve --> SetDir[SetCurrentDirectory in preparation for creation of the CatalogAck file. If the directory doesn't exist, create it on the server.]
    SetDir --> Decision2{Is there a value in the PULL_FTP_LOGIN_ID field in the Catalog_Transport recordset?}
    Decision2 -- Yes --> Read2[/Retrieve all files with extension ".CATACK" from the FTP location listed in the Catalog_Transport recordset/]
    Read2 --> Move[Move to the next customer record in the Catalog_Transport recordset]
    Move --> Decision2
    Decision2 -- No --> Move
    Move --> GotoA((Goto A))
    
```

FIG. 4A-1A



```

graph TD
    B((B)) -- 1-1C --> 2-1C[2-1C  
Retrieve doms_quote_num from  
Quote_Header table in database]
    200[(200  
AOE-Database,  
Quote_Header  
table)] --> 2-1C
    2-1C --> 4-1C{4-1C  
Quote_Number  
found in Quote_Header  
database table?}
    4-1C -- No --> 5-1C[5-1C  
Concatenate Error string to write to log  
file. ("ACKNOWLEDGMENT DETAIL:  
Quote Number was not found in the  
database.")]
    4-1C -- Yes --> 6-1C[/6-1C  
Validate the Catack file's  
Catalog_Trailer values  
(trailer_rec_count,catalog_  
ack_dtl_rec_type)/]
    5-1C --> 6-1C
    6-1C --> 8-1C{8-1C  
Trailer_Record_Count  
= File's Line count?}
    8-1C -- No --> 9-1C[9-1C  
Concatenate Error string to write to log  
file. ("TRAILER RECORD: The Record  
Count does not equal the DTL count.")]
    8-1C -- Yes --> 10-1C[/10-1C  
Close the Catack file/]
    9-1C --> 10-1C
    10-1C --> 7-1C[7-1C  
CATAck file]
    10-1C --> 11-1C{11-1C  
Was there an error  
Processing the CatAck  
file?}
    11-1C -- Yes --> 12-1C[/12-1C  
Write the error  
message to the  
Event Log/]
    11-1C -- No --> 15-1C[/15-1C  
Retrieve File Wrapper info  
(file_wrapper_rec_type,from  
m_source,to_destination,fil  
e_type)/]
    12-1C --> 13-1C[13-1C  
Application  
Server's NT  
Event Log]
    12-1C --> 14-1C((14-1C  
Goto A))
    14-1C --> 17-1C((17-1C  
Goto E))
    15-1C --> 16-1C[/16-1C  
Retrieve File Header info  
(catalog_ack_hdr_rec_type  
,catalog_ack_hdr_trans_pu  
rpose_code,etc)/]
    16-1C --> 17-1C
    7-1C --> 17-1C
  
```

Fig 4A-1C

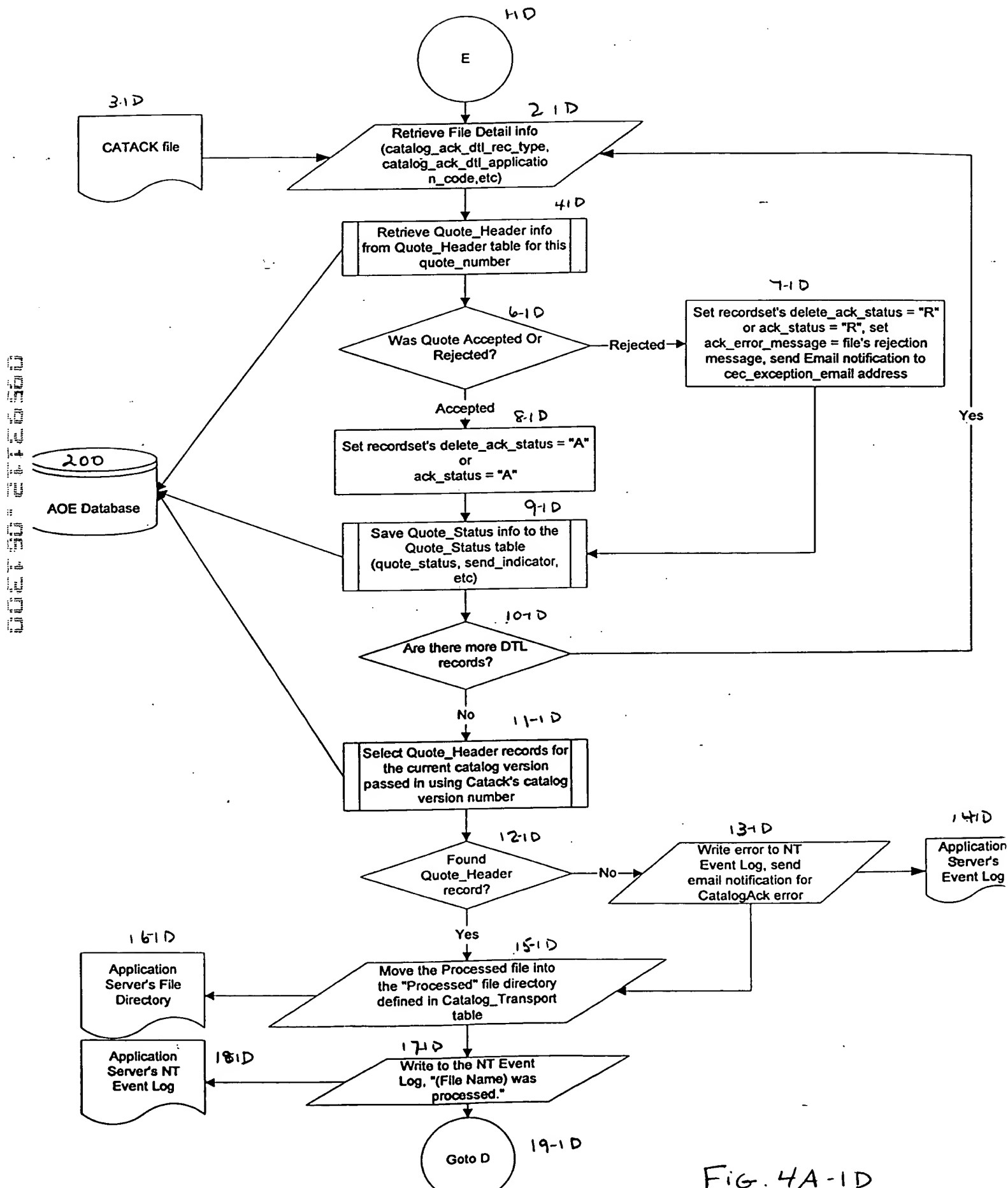
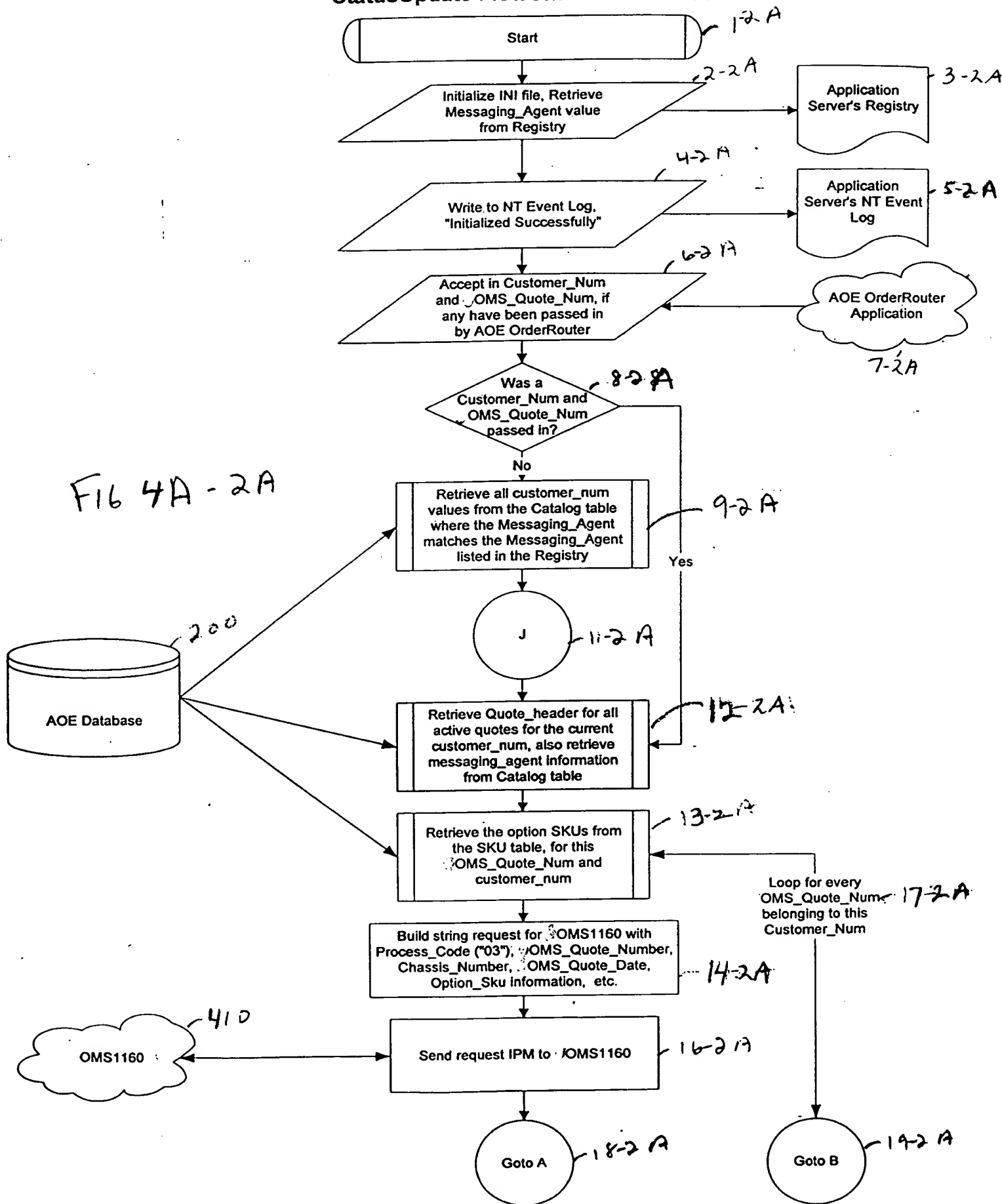


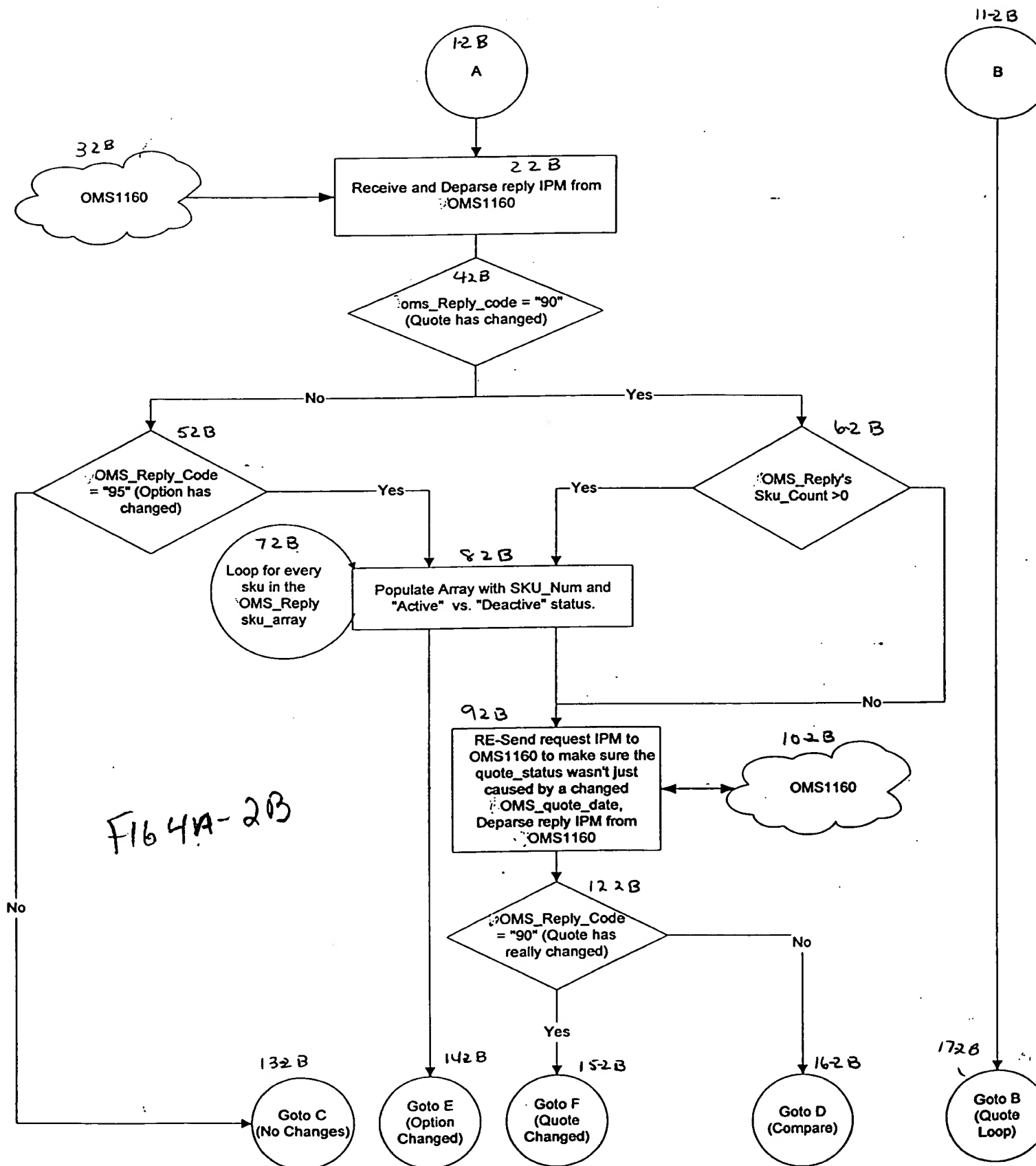


FIG. 4A-1E

# StatusUpdate FlowChart - 05/03/2000







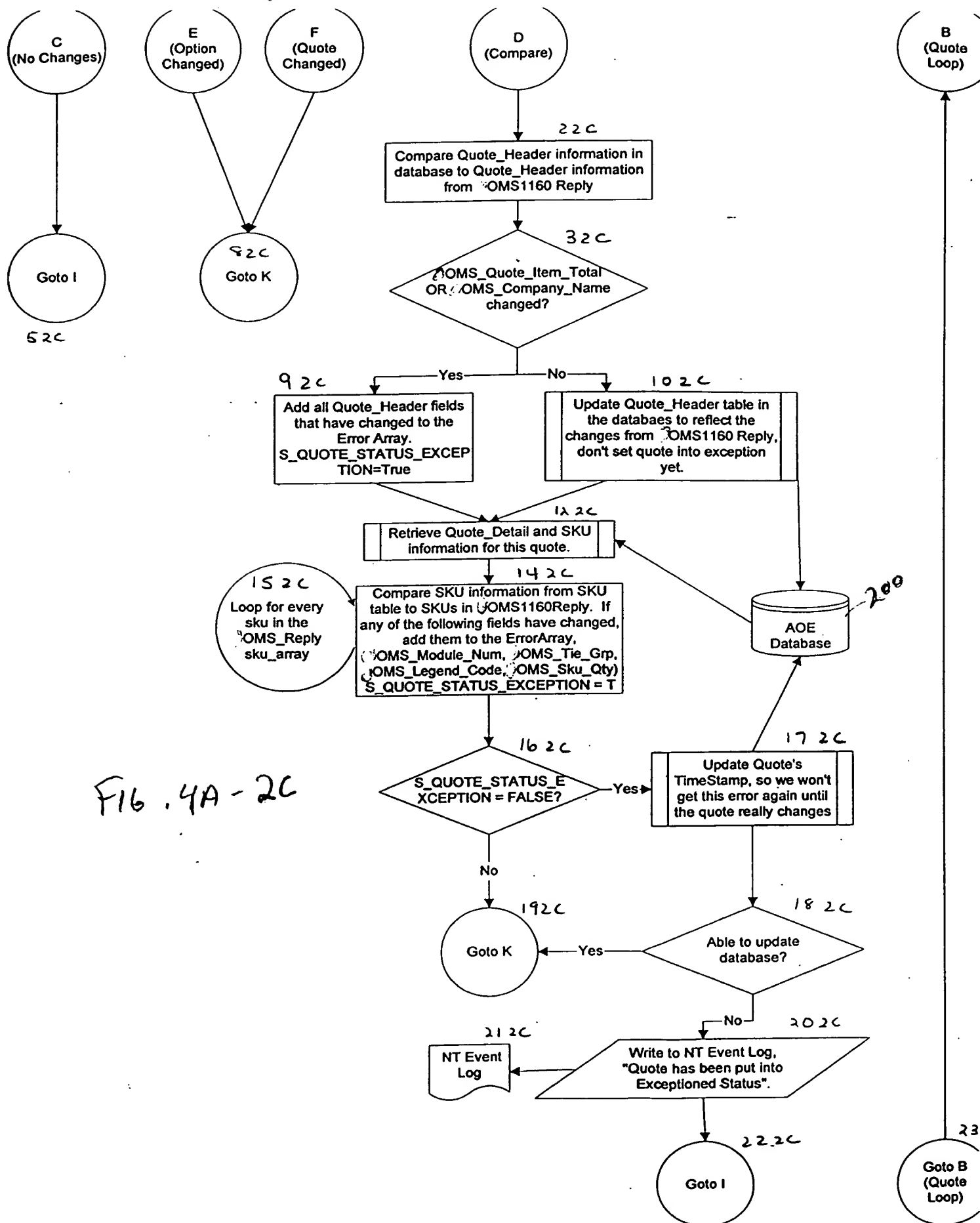


FIG. 4A-2C

```

graph TD
    K((K)) -- 22D --> P1[Insert a record into Quote_Status,  
with the Exception status.  
Then, Update Quote_header, set  
Quote_Status to Excepted]
    P1 --> DB[(200 AOE Database)]
    P1 -- 52D --> P2[Email business users notification of Quote  
in Exception status, and list of changed  
fields from the Error Array.]
    P2 -- 62D --> P3[/Write to NT Event Log,  
"Quote has been put into  
Excepted Status"/]
    P3 --> L1[(72D NT Event Log)]
    P3 --> I1((I 82D))
    I1 -- 92D --> D1{Is this the last record in the  
Quote_Header recordset?}
    D1 -- Yes --> D2{Is this the last  
Customer_Num?}
    D1 -- No --> P4[Move to the next  
DOMS_Quote_Num in the  
Quote_Header recordset and  
loop through again.]
    P4 --> B((B))
    D2 -- Yes --> P5[/Write to NT  
Event Log,  
"Completed  
Successfully"/]
    P5 --> L2[(142D NT Event Log)]
    D2 -- No --> P6[Move to the next  
Customer_Num in the  
Customer recordset and loop  
through again.]
    P6 -- 152D --> J((Goto J))
    P5 --> END([END 162D])
  
```

FIG 4A-2D

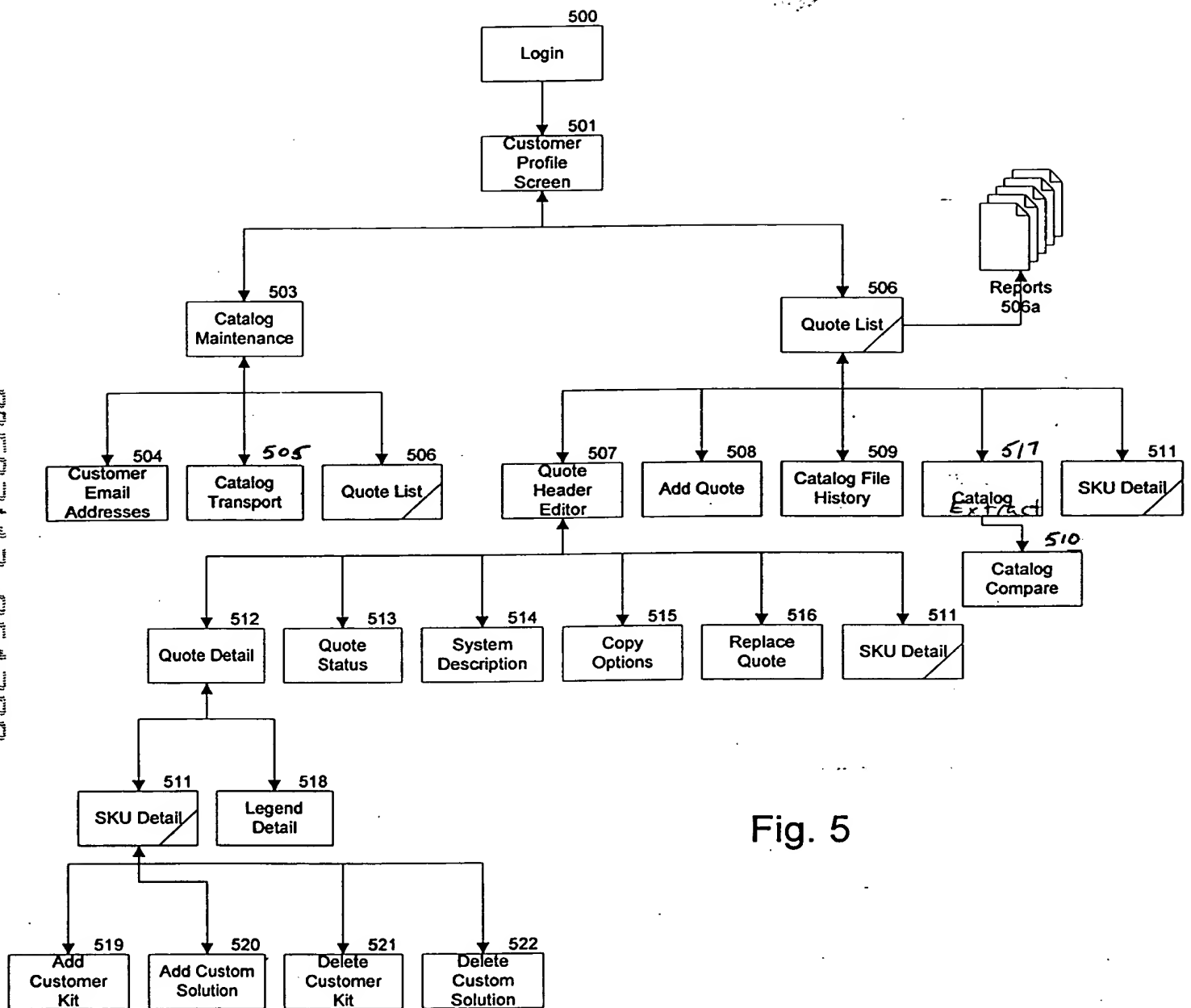
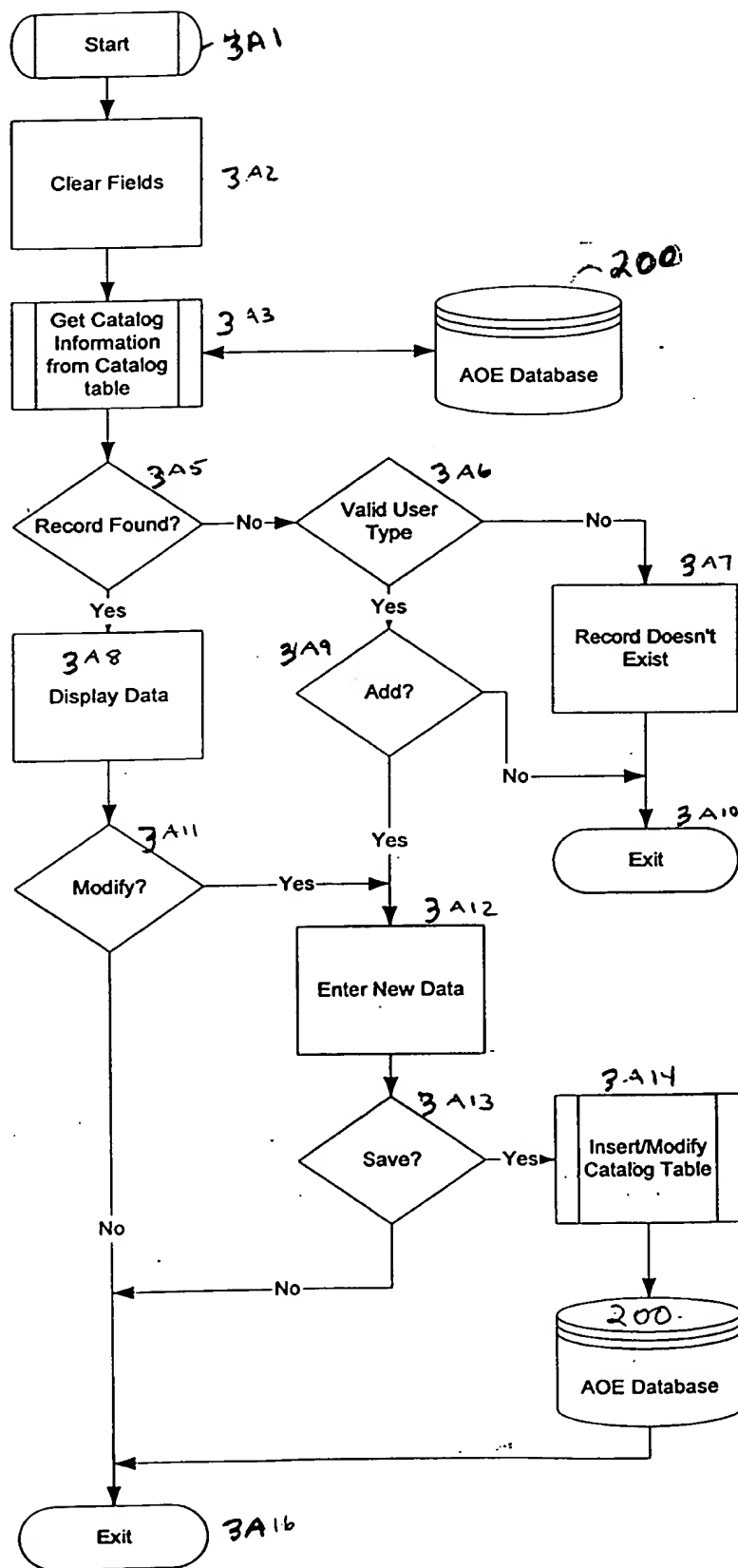
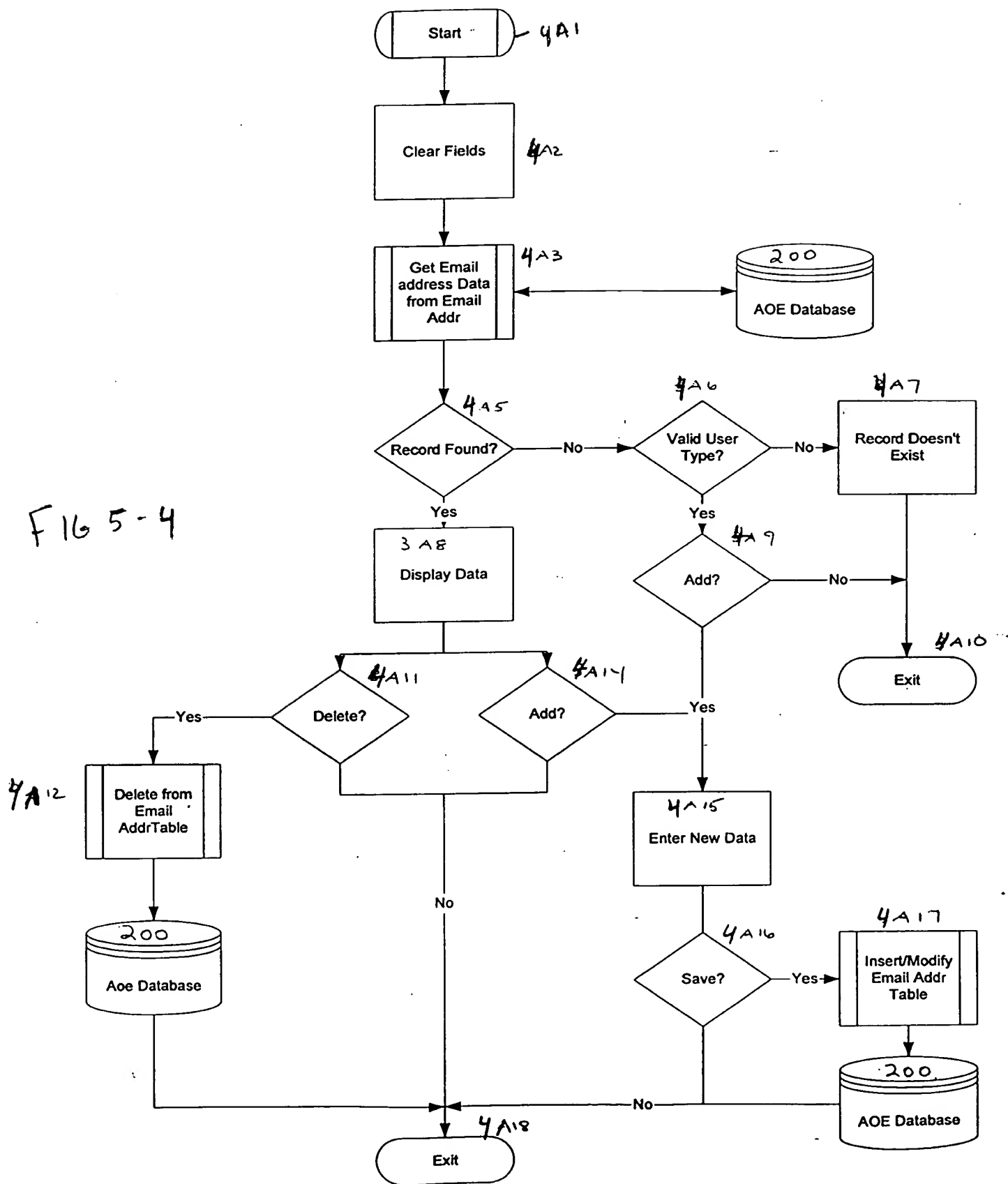


Fig. 5

FIG. 5-3

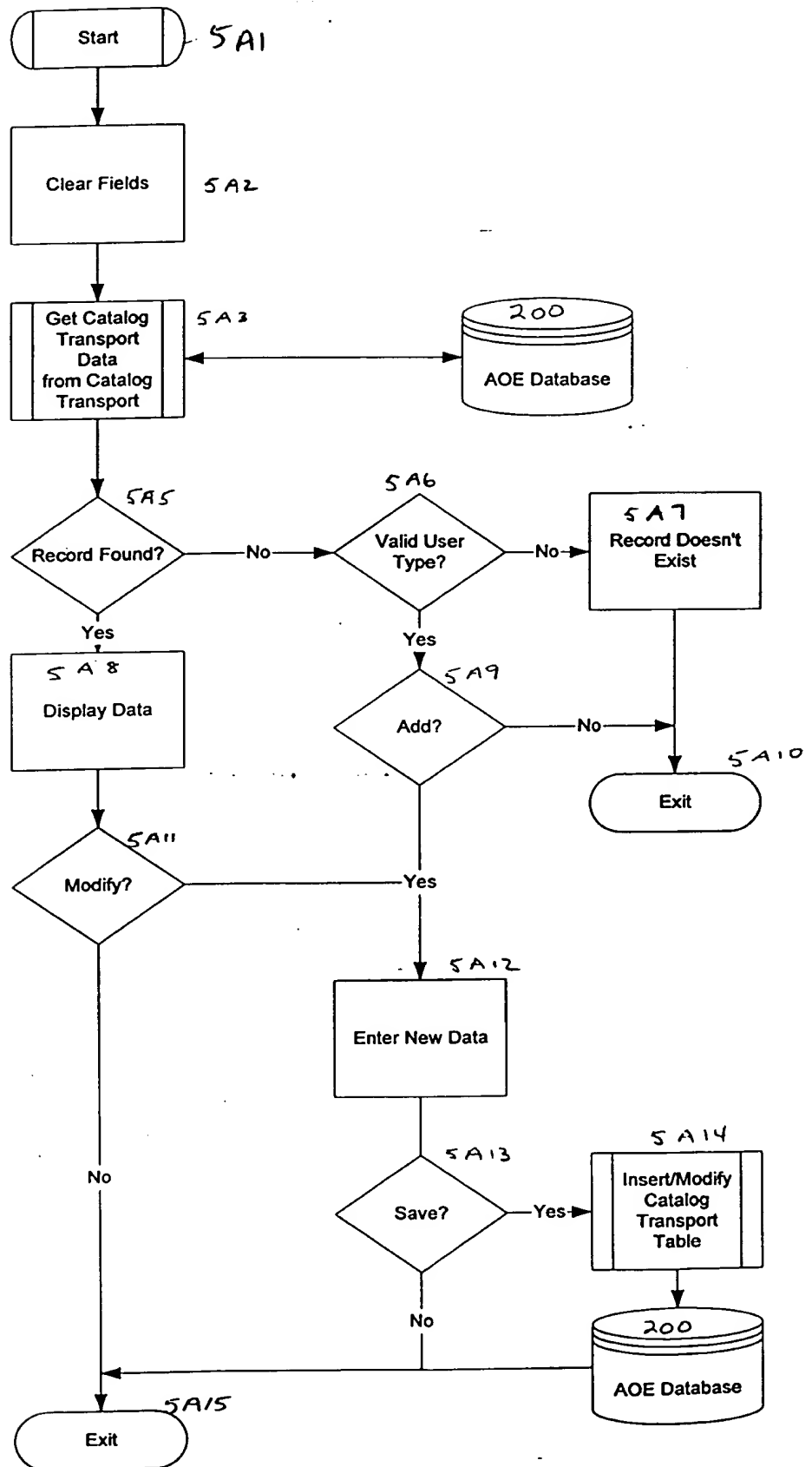


F 16 5 - 4



002130-064300

FIG 5-5



```

graph TD
    Start([Start]) --> 6A2[6A2 Initialize]
    6A2 --> 6A4[/6A4 Get Information from Registry/]
    6A3[6A3 Registry] --> 6A4
    6A4 --> 6A5{6A5 Error?}
    6A5 -- Yes --> 6A6[6A6 Close all instance write errors]
    6A6 --> 6A7([6A7 Exit])
    6A5 -- No --> 6A8[6A8 Open DB Connection]
    6A8 --> 6A9[6A9 Step-by-Step Catalog Creation Process  
(See Process Flowchart Page 2)]
    6A9 --> 6A10{6A10 Complete Catalog State?}
    6A10 -- No --> 6A9
    6A10 -- Yes --> 6A11[6A11 Close File]
    6A11 --> 6A12[6A12 Close Db Connection]
    6A12 --> 6A13[6A13 Display catalog Number to the GUI]
    6A13 --> 6A14([6A14 Stop])
  
```

FIG 5-6A

Stop 6A14



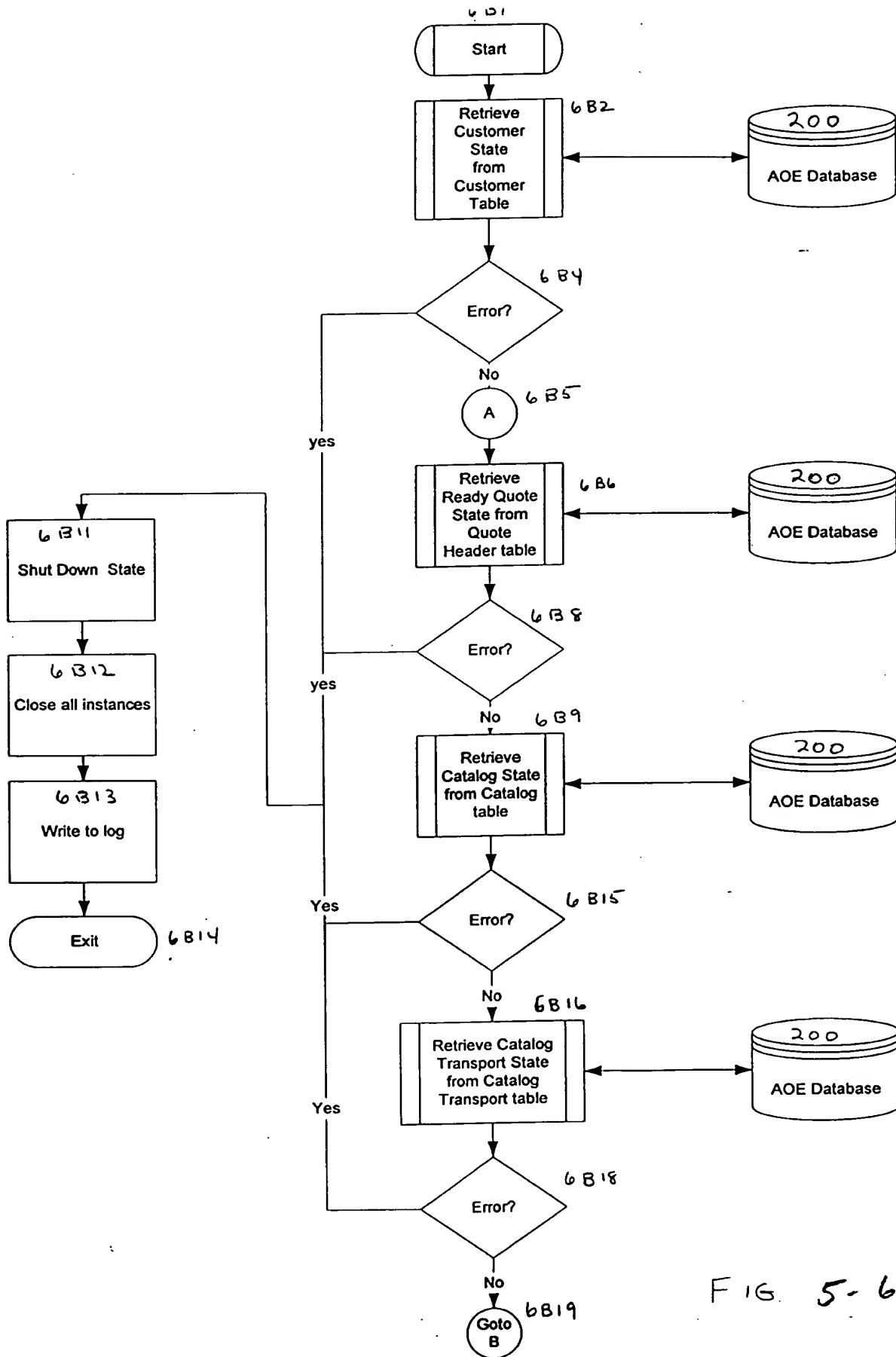


FIG. 5-6B

00503143 061300

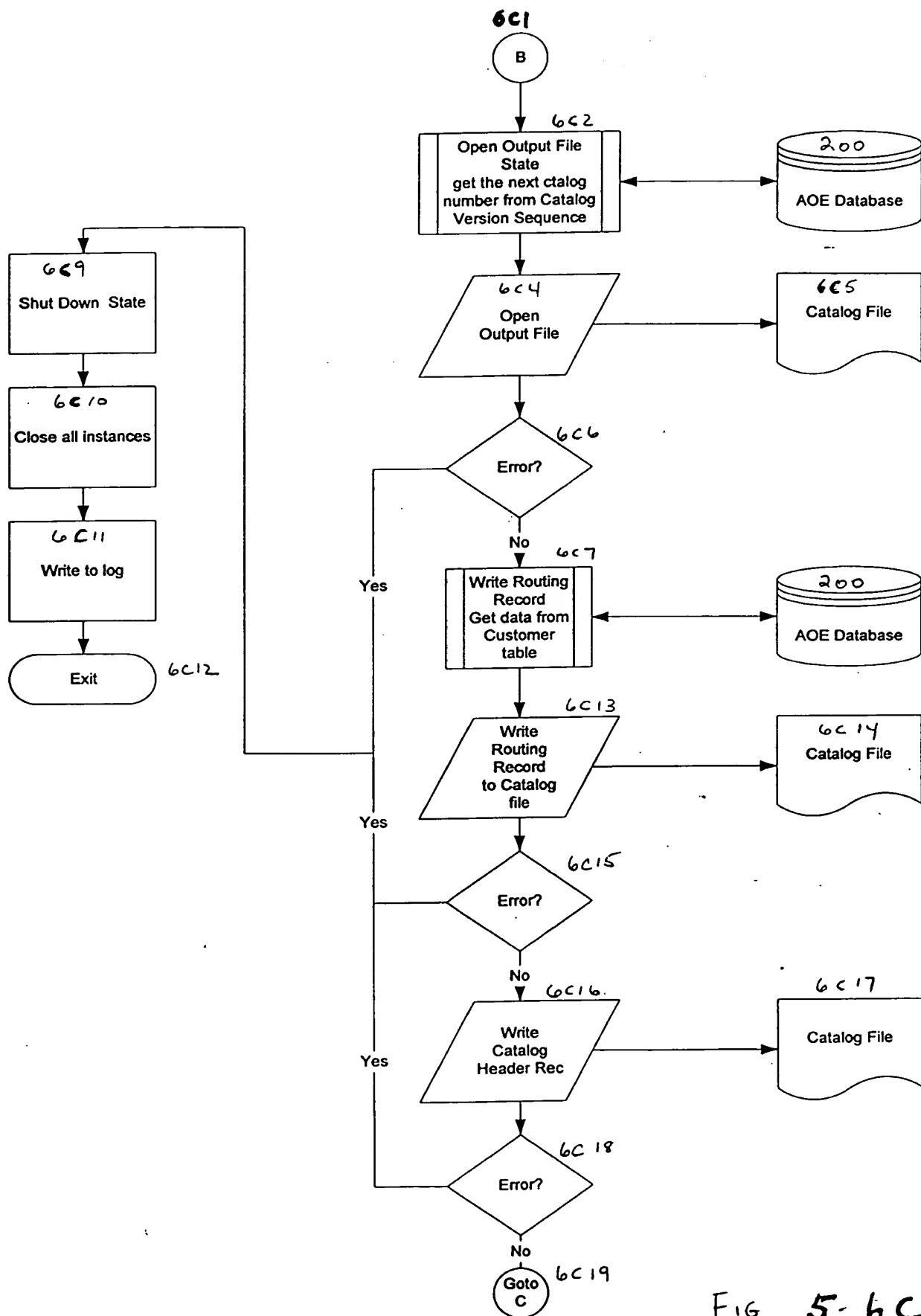
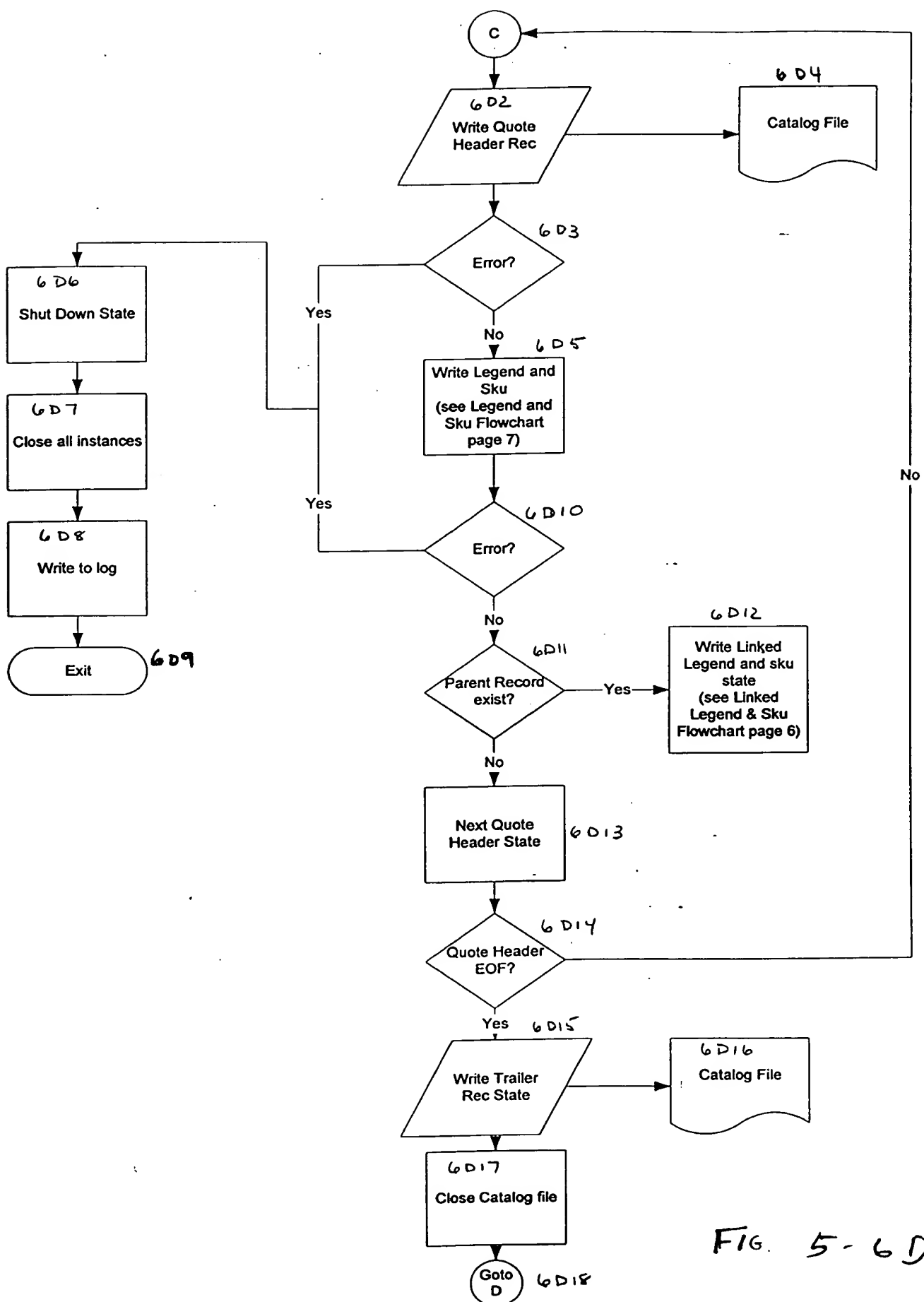


FIG. 5-6C

```

graph TD
    6D6[6 D 6  
Shut Down State] --> 6D7[6 D 7  
Close all instances]
    6D7 --> 6D8[6 D 8  
Write to log]
    6D8 --> Exit([Exit])
    Exit --> 6D6

```



```

graph TD
    6E1((6E1  
D)) --> 6E2[6E2  
Next Customer  
State]
    6E2 --> 6E3{6E3  
Customer  
EOF?}
    6E3 -- No --> 6E4((6E4  
Goto A  
page 2))
    6E3 -- Yes --> 6E5[6E5  
Complete Catalog  
State]
    6E5 --> 6E6([6E6  
Exit])
  
```

FIG. 5-6E

002150-2160500

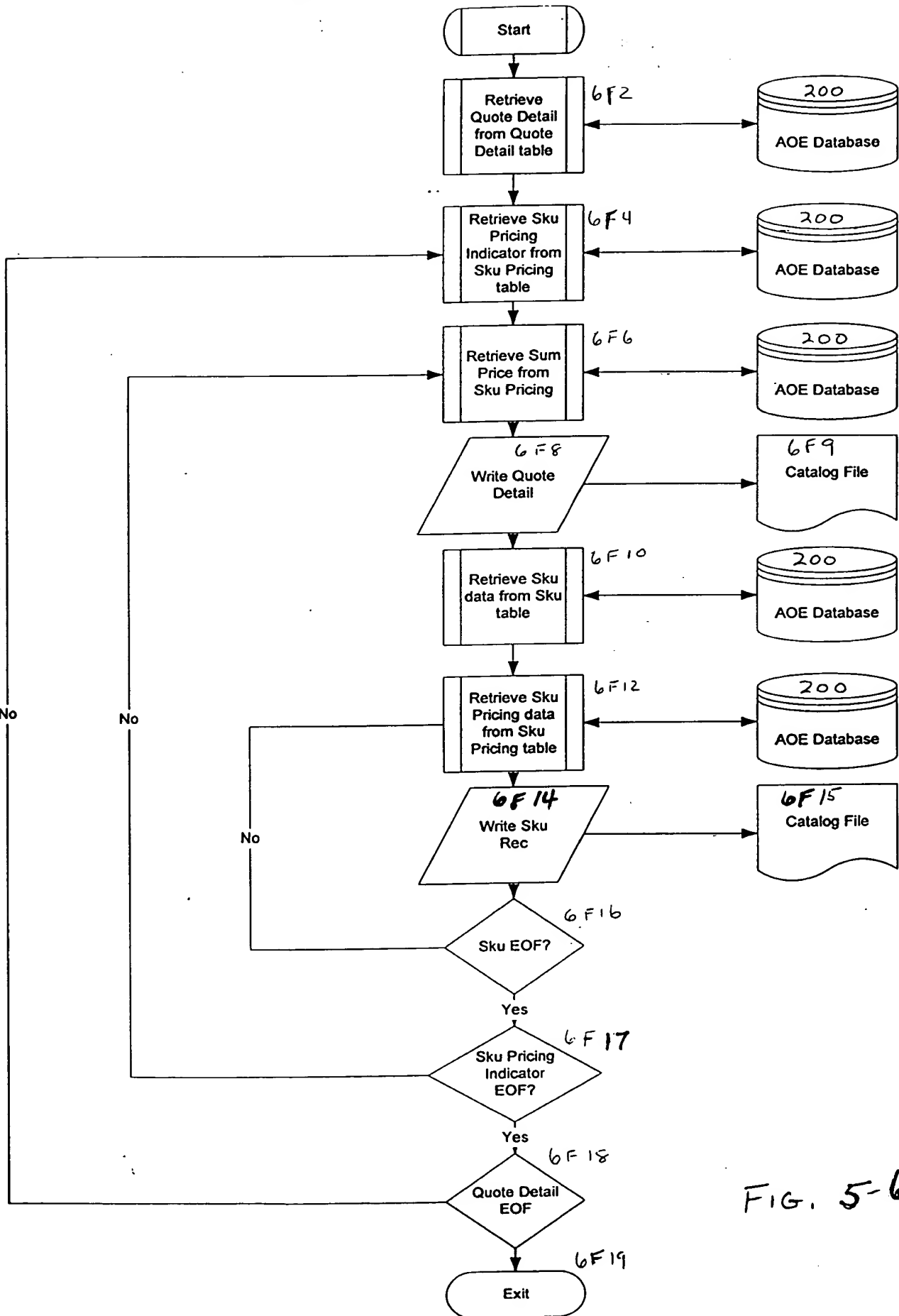


FIG. 5-6F

00503412 004300

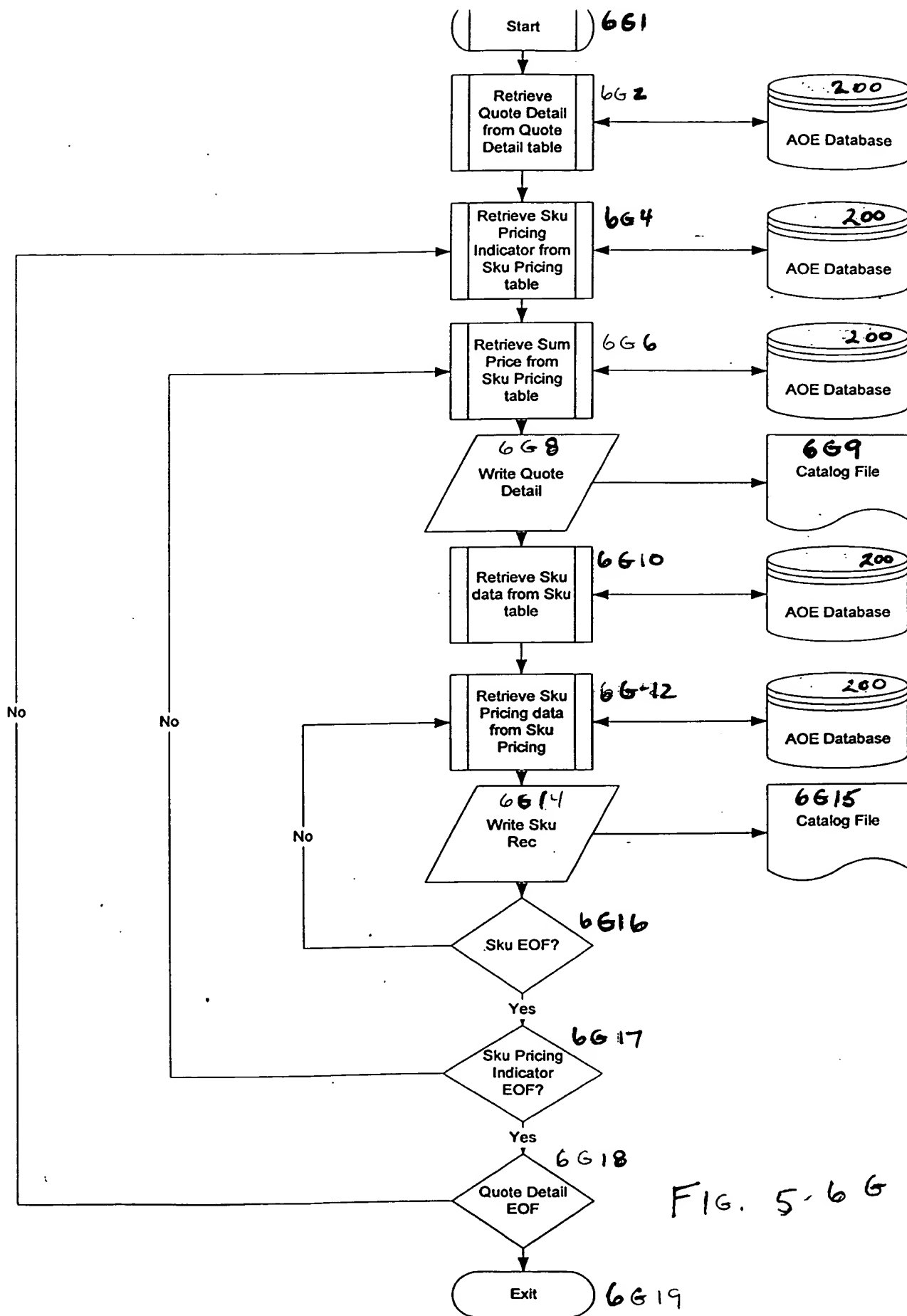


FIG. 5-66

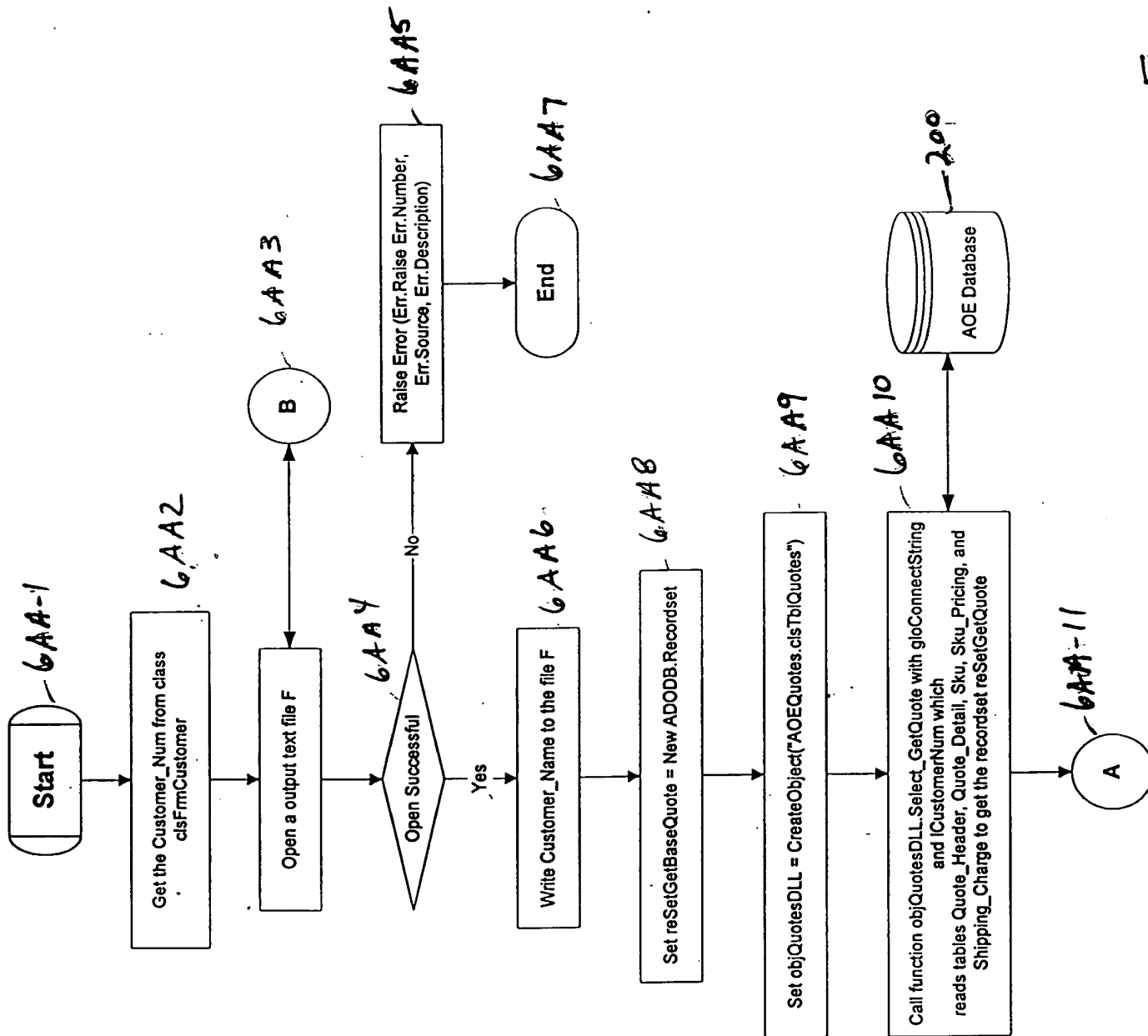


FIG 5-6AA





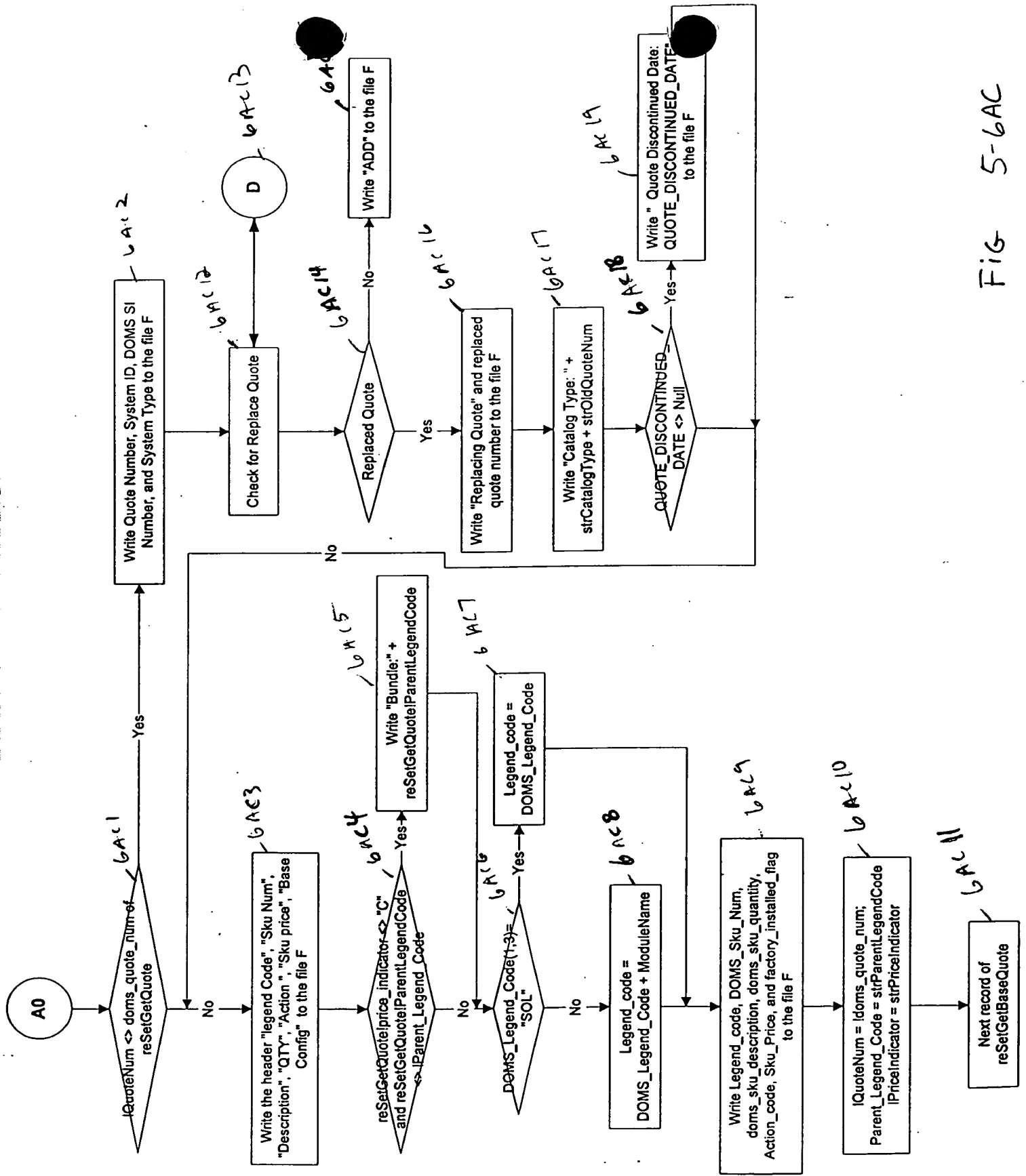


Fig 5-6AC

6401



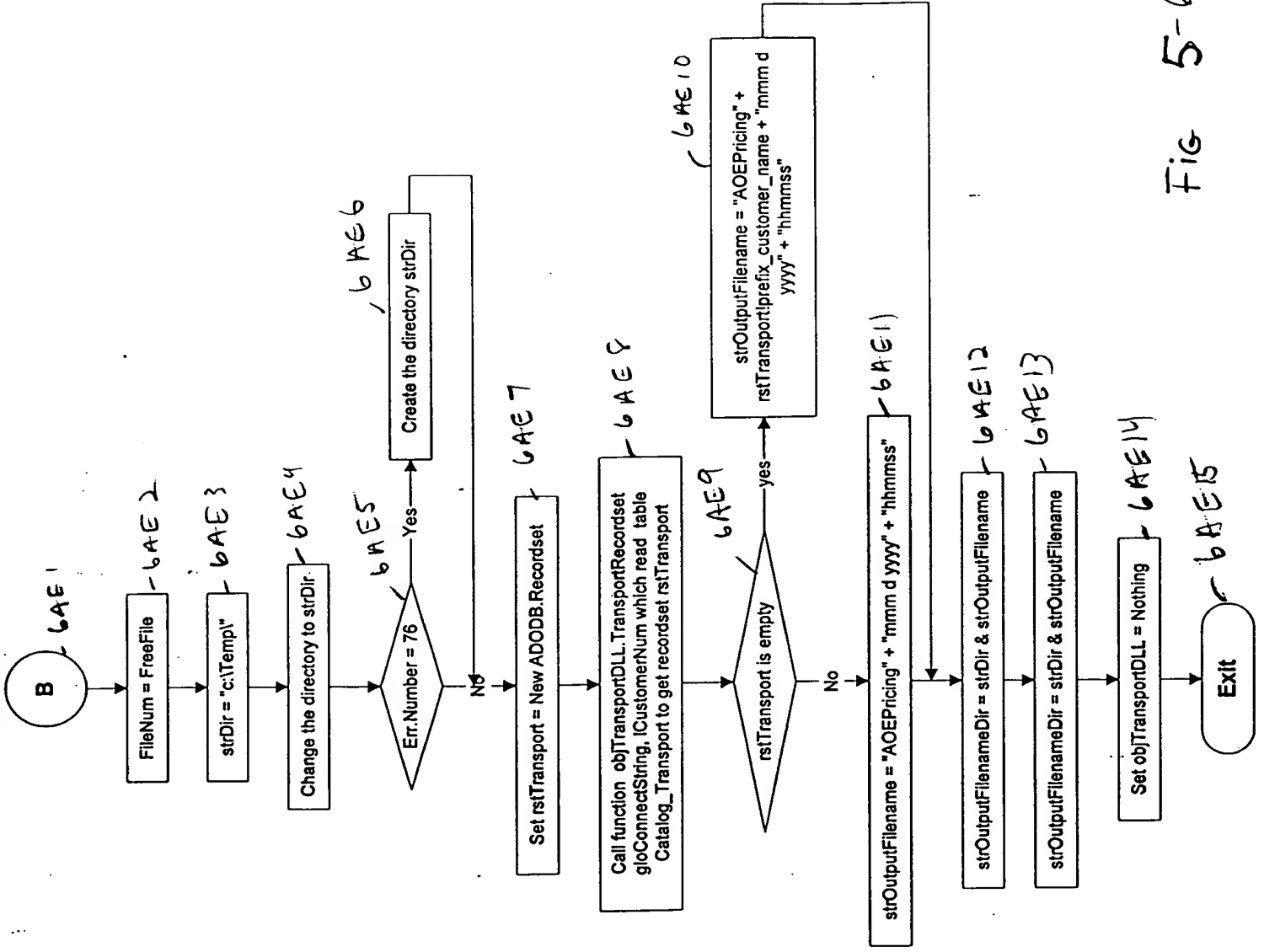


Fig 5-6AE

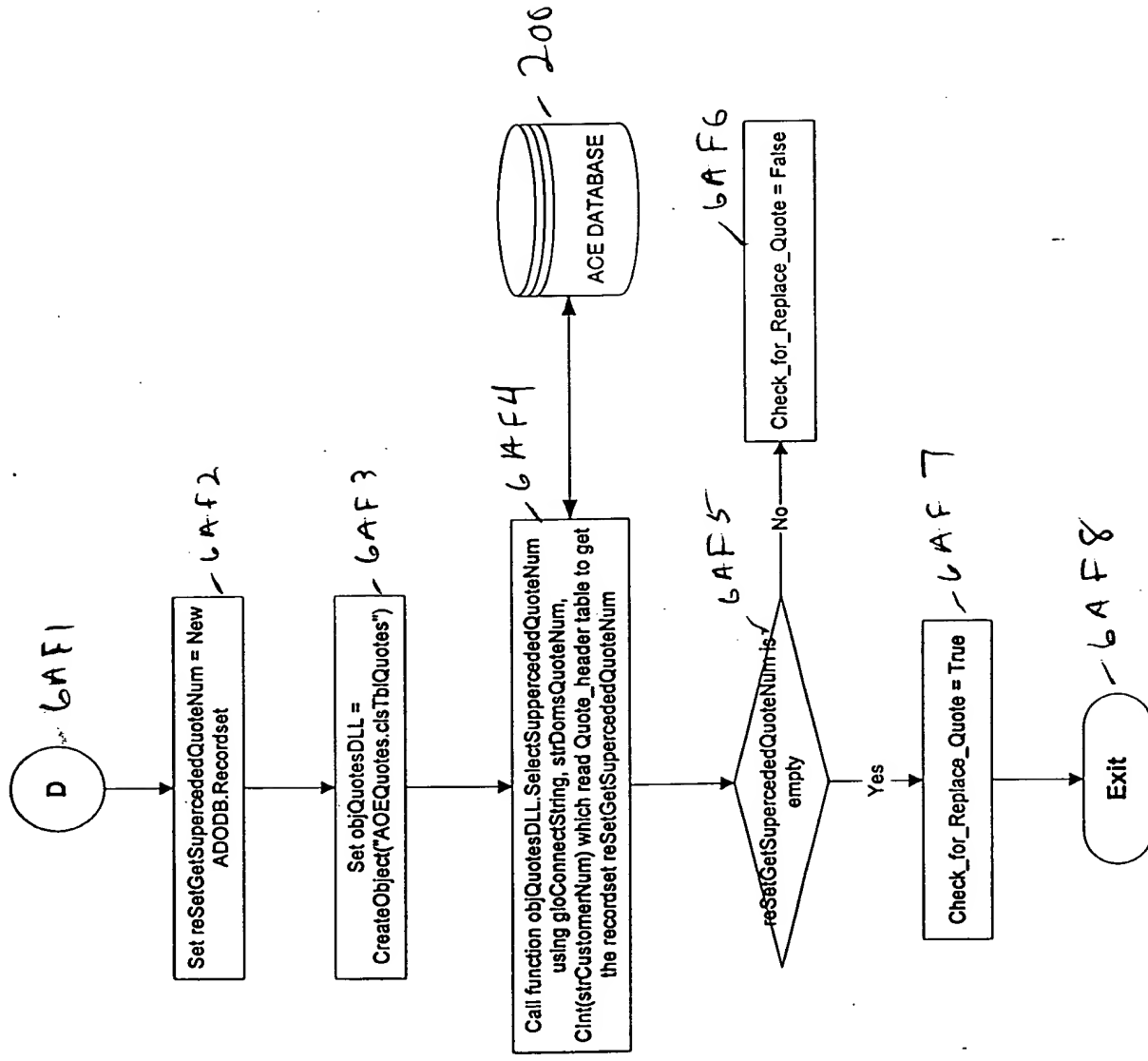


Fig. 5-6AF

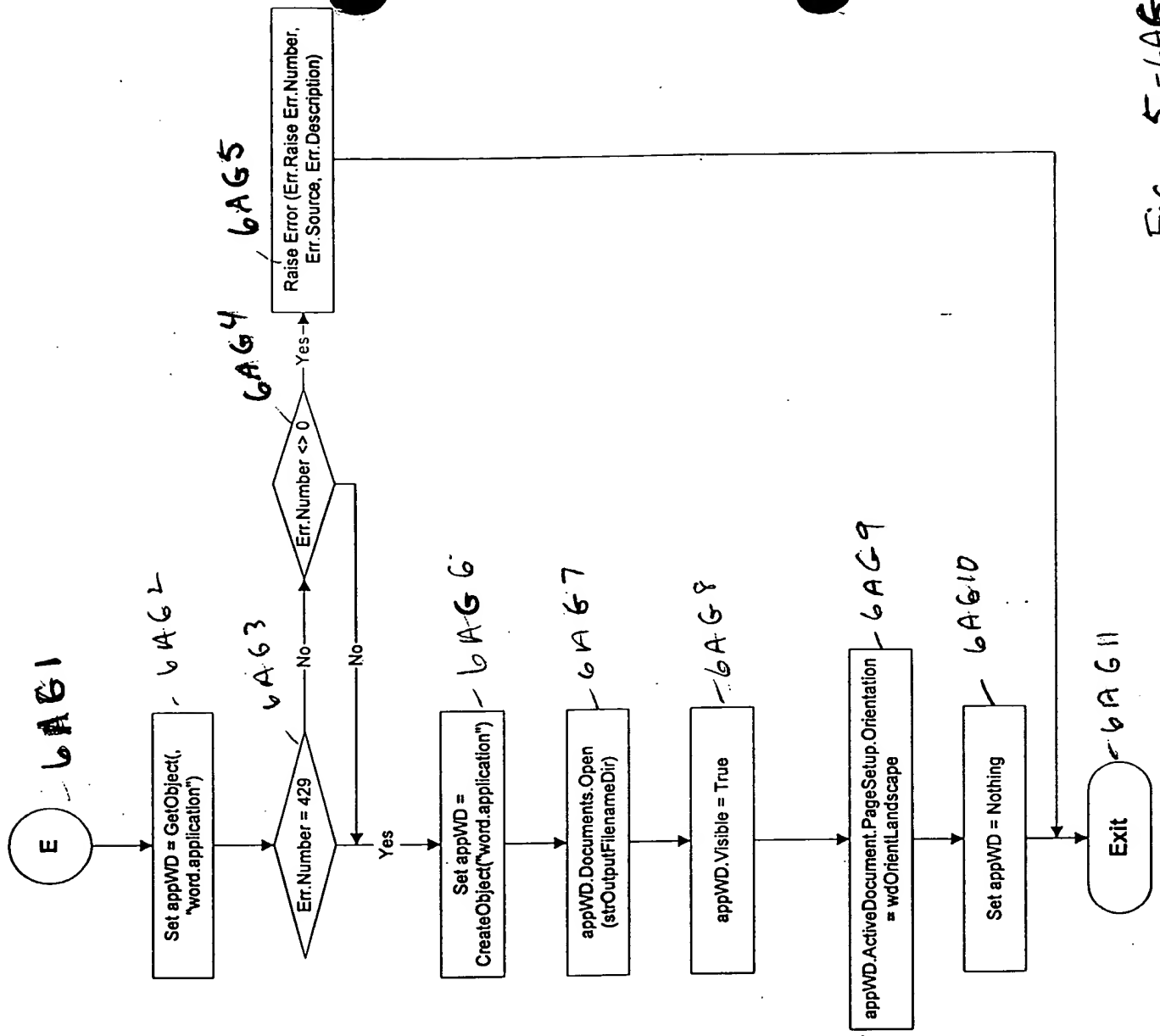


FIG 5-6A6

```

graph TD
    Start([Start]) -- 6AH1 --> GetCustomerNum[Get the Customer_Num from class clsFrmCustomer]
    GetCustomerNum -- 6AH2 --> OpenFile[Open a output text file F]
    OpenFile -- 6AH3 --> B((B))
    B -- 6AH3 --> OpenFile
    OpenFile -- 6AH4 --> OpenSuccessful{Open Successful}
    OpenSuccessful -- Yes --> WriteFile[Write Customer_Name to the file F]
    WriteFile -- 6AH6 --> SetRecordset[Set reSetGetBaseQuote = New ADODB.Recordset]
    SetRecordset -- 6AH7 --> CreateObject[Set objQuotesDLL = CreateObject("AOEQuotes.clsTblQuotes")]
    CreateObject -- 6AH8 --> CallFunction[Call function objQuotesDLL.Select_GetBaseQuote with  
gloConnectString and iCustomerNum which  
reads tables Quote_Header, Quote_Detail, Sku, Sku_Pricing, and  
Shipping_Charge to get the recordset reSetGetBaseQuote]
    CallFunction -- 6AH9 --> A((A))
    A -- 6AH10 --> AOE[(200) AOE Database]
    AOE -- 6AH9 --> CallFunction
    CallFunction -- 6AH9 --> RaiseError[Raise Error (Err.Raise Err.Number,  
Err.Source, Err.Description)]
    RaiseError -- 6AH5 --> End([End])
    End -- 6AH11 --> End
  
```

64110

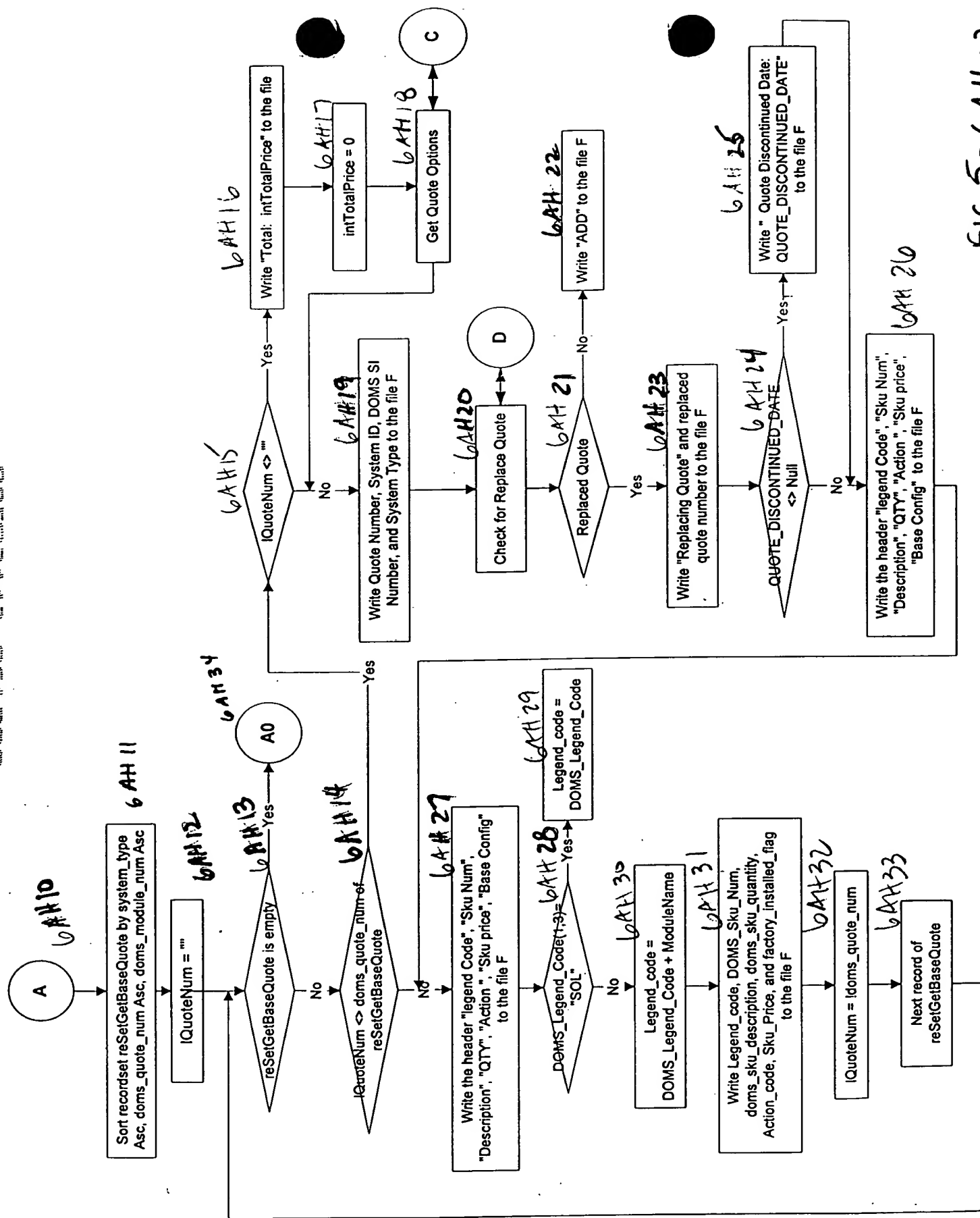


FIG. 5-6AH-2

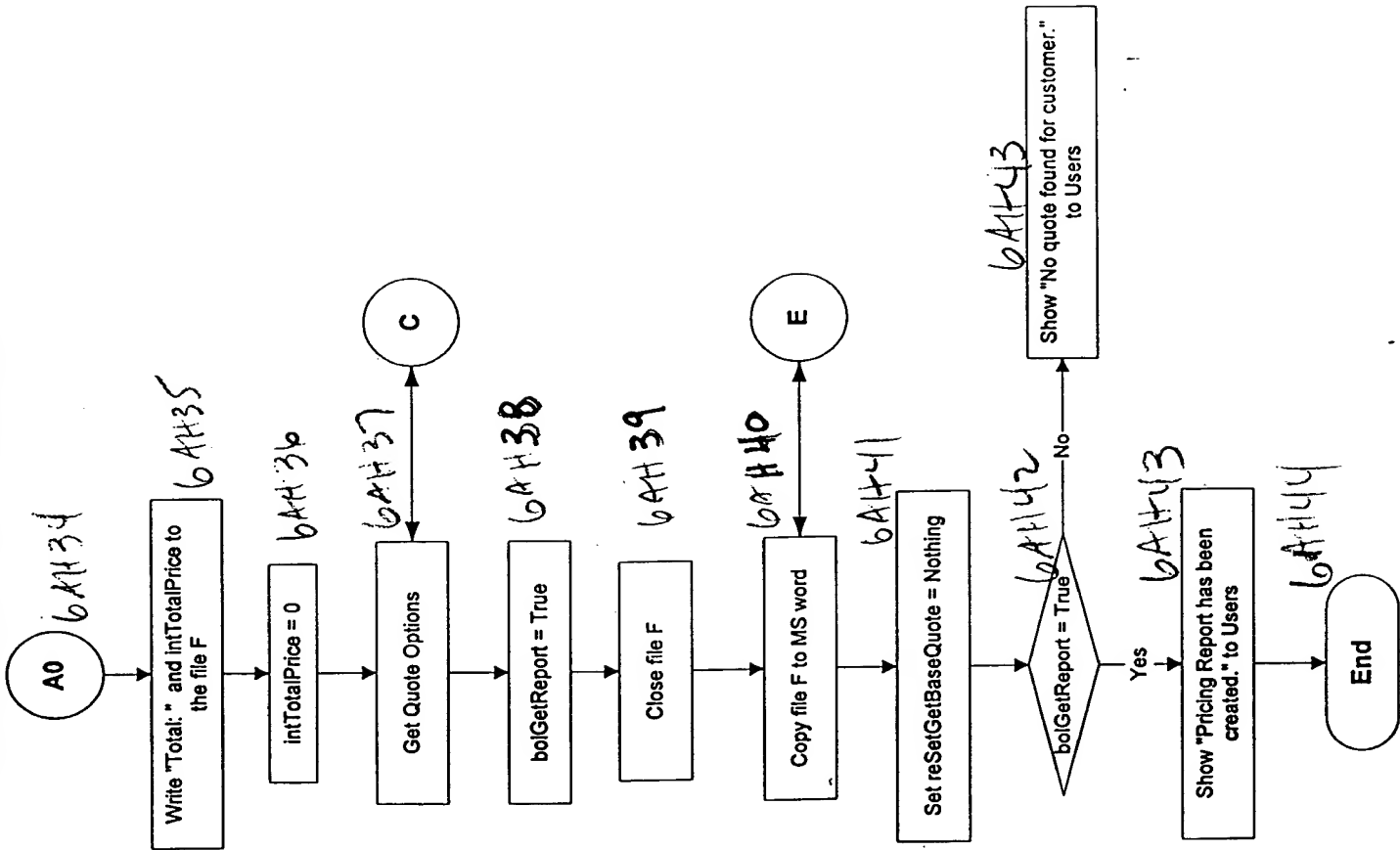


FIG. 5-6AH-3



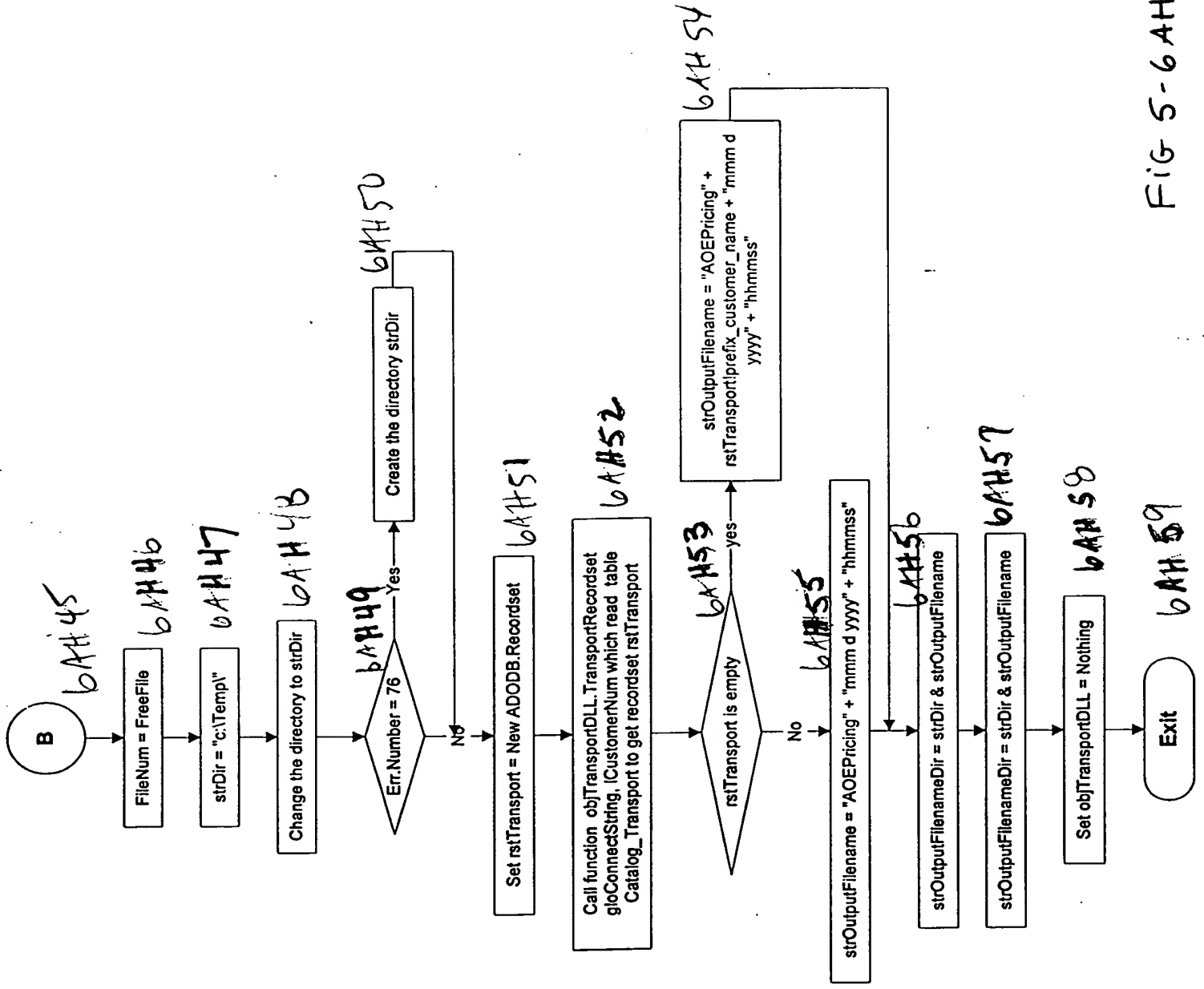


FIG 5-6AH-4

64160

c

Set reSetGetOptions = New  
ADODB.Recordset

```
Set objQuotesDLL =  
CreateObject("AOEQuotes.clsTrlQuotes")
```

A cylinder with the number '200' on its side and the text 'AOE Database' written vertically on its front face.

Call function objQuotesDLL.Select\_GetQuoteOptions using  
gloConnectString, strCustomerNum, strQuoteNum which read  
tables Quote\_Header, Quote\_Detail, Sku, Sku\_Pricing, and  
Shipping\_Charge to get the recordset reGetOptions

```
intTotalBundle = 0
preParentLegendcode = "
```

reSetOptionsPrice\_Indicator <> "C"

Write "Options." to file F

```
graph TD
    A[6A4H69] --> B[Set reSetGetOptions = Nothing]
    B --> C[6A4H70]
    C --> D[Exit]
```

64467  
re8etGetOptionsIPriceIndicator  
="C"

Yes ☒ **Action\_code = "**  
**intTotalBundle = intTotalBundle + !Sku\_Price**

~~preParentLegendCode <> IParentLegendCode or  
(IPriceIndicator <> prePriceIndicator And  
preParentLegendCode = IParentLegendCode)~~

Write "Total: " + intTotal

64473  
intTotalBundle = 0

PLHA 9

Fig. 5-6AH-5

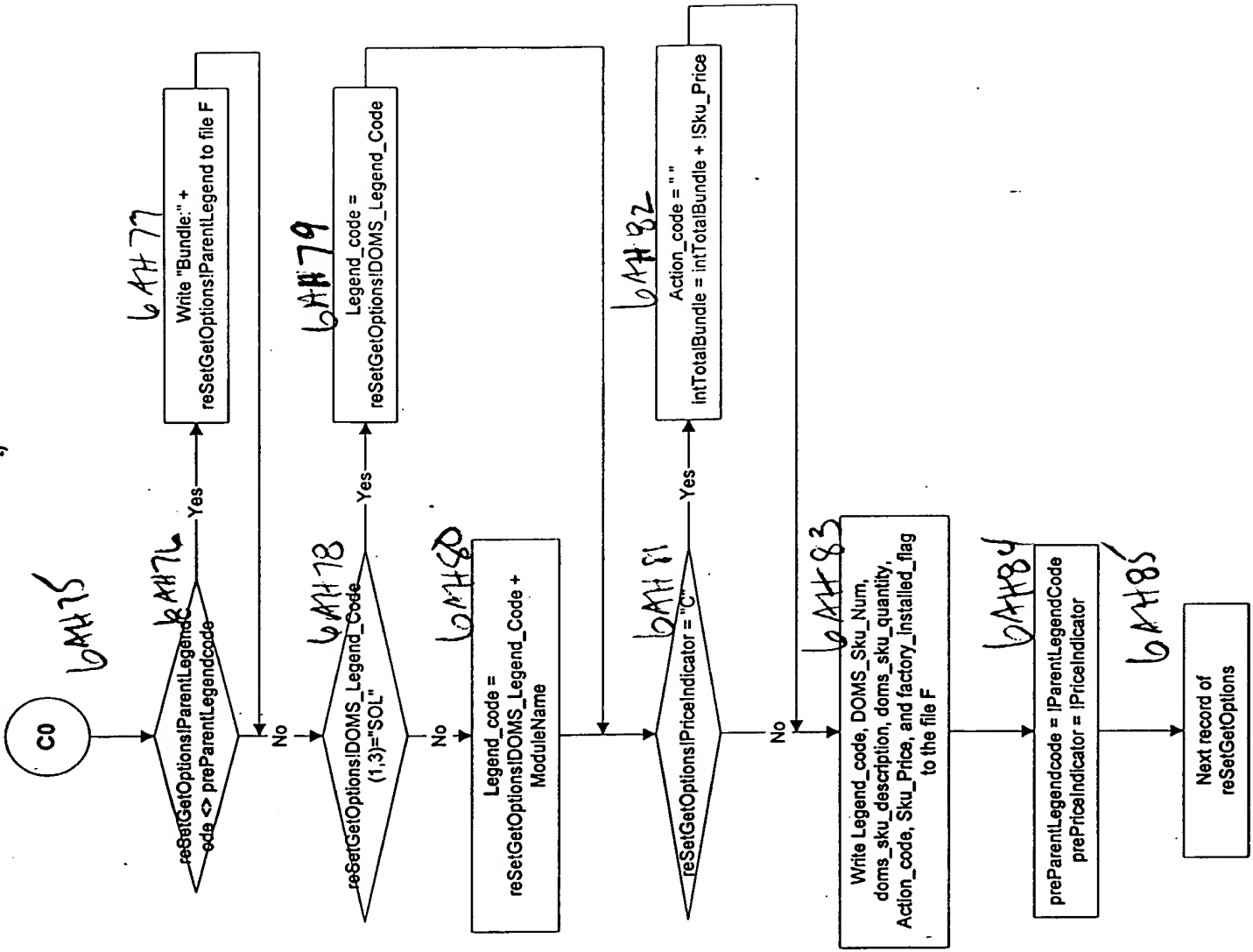


FIG. 5-6AH-b

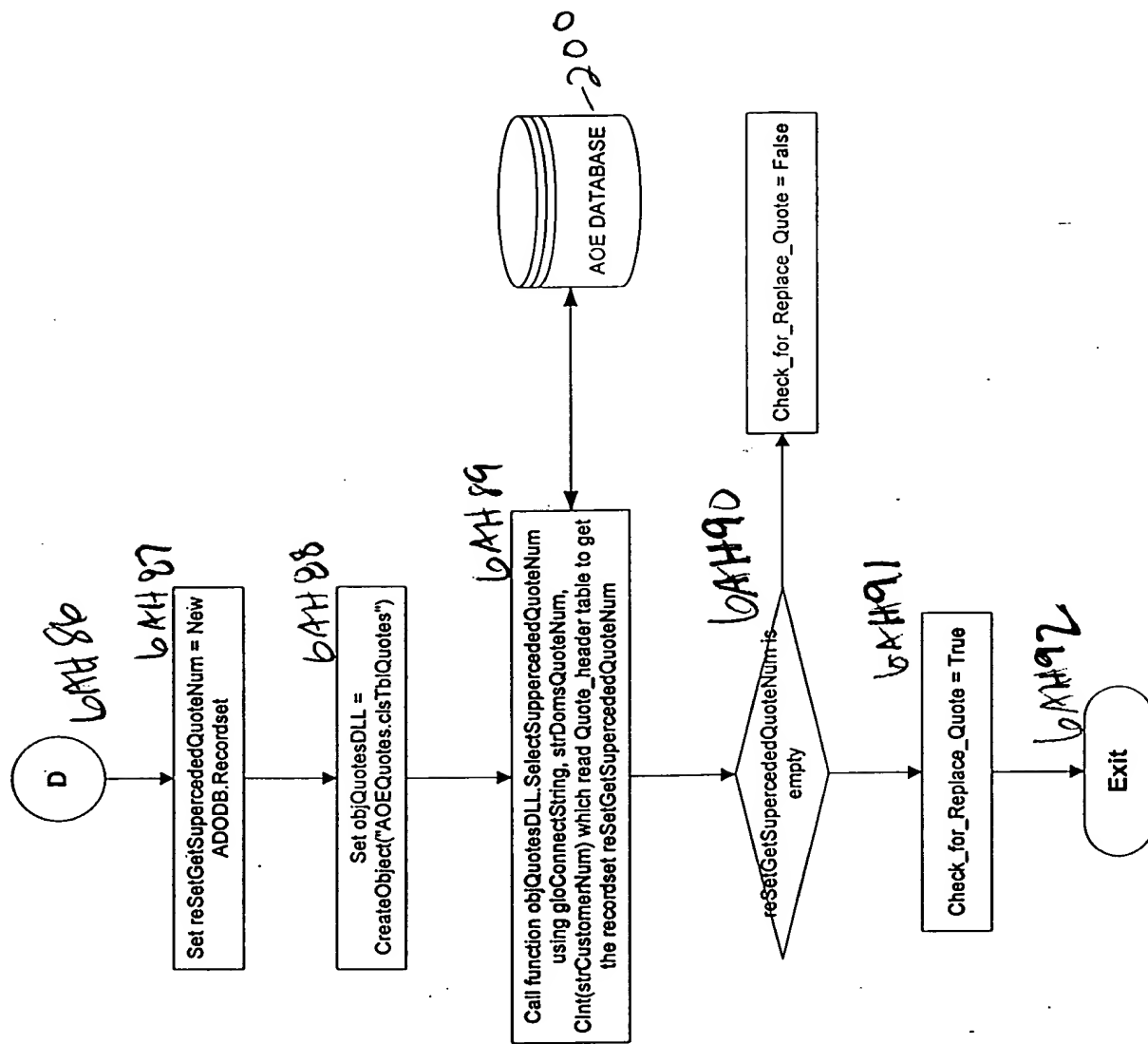


FIG 5-6 AH-7

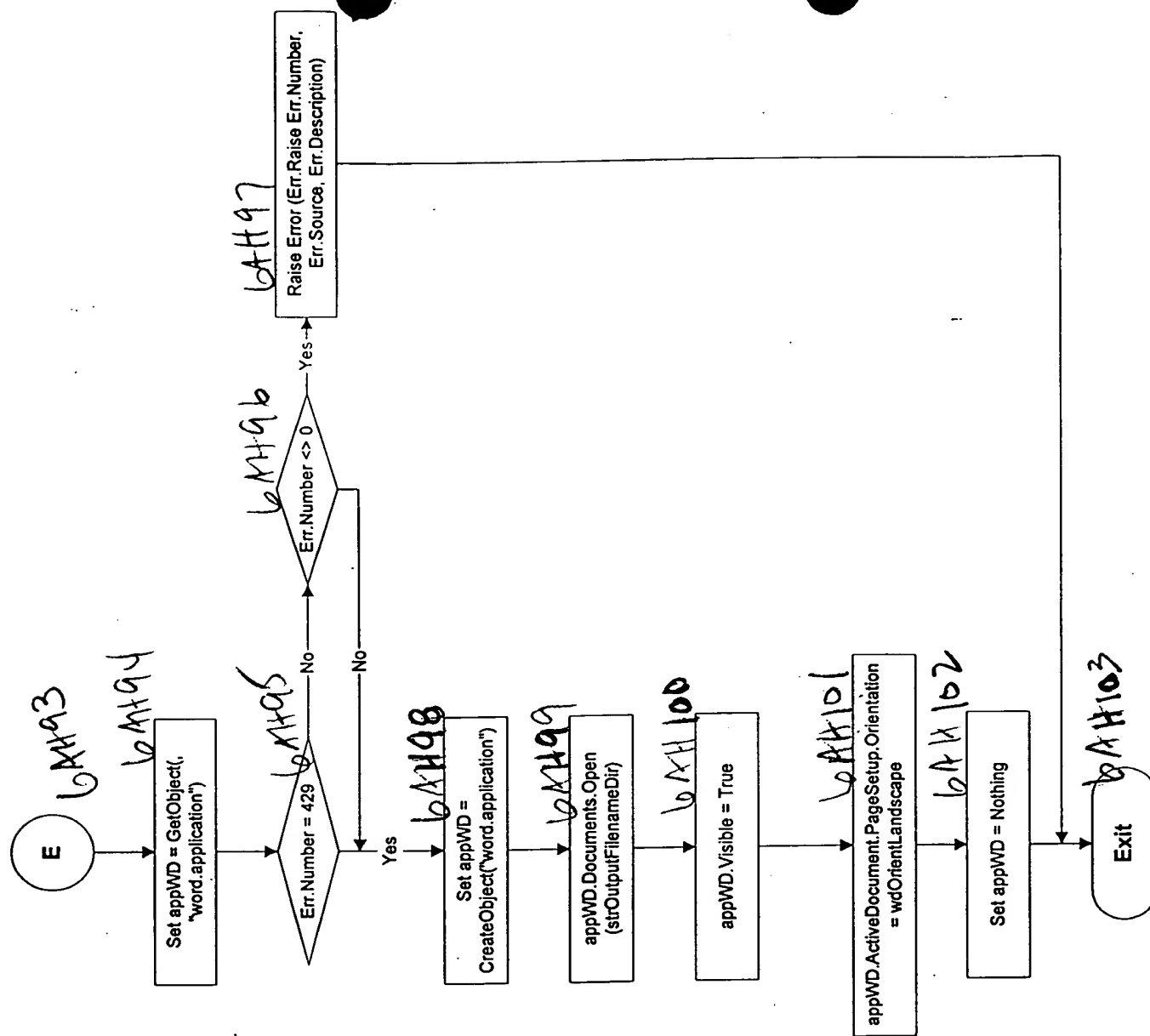


Fig 5-6 AH-8

00503443-064300

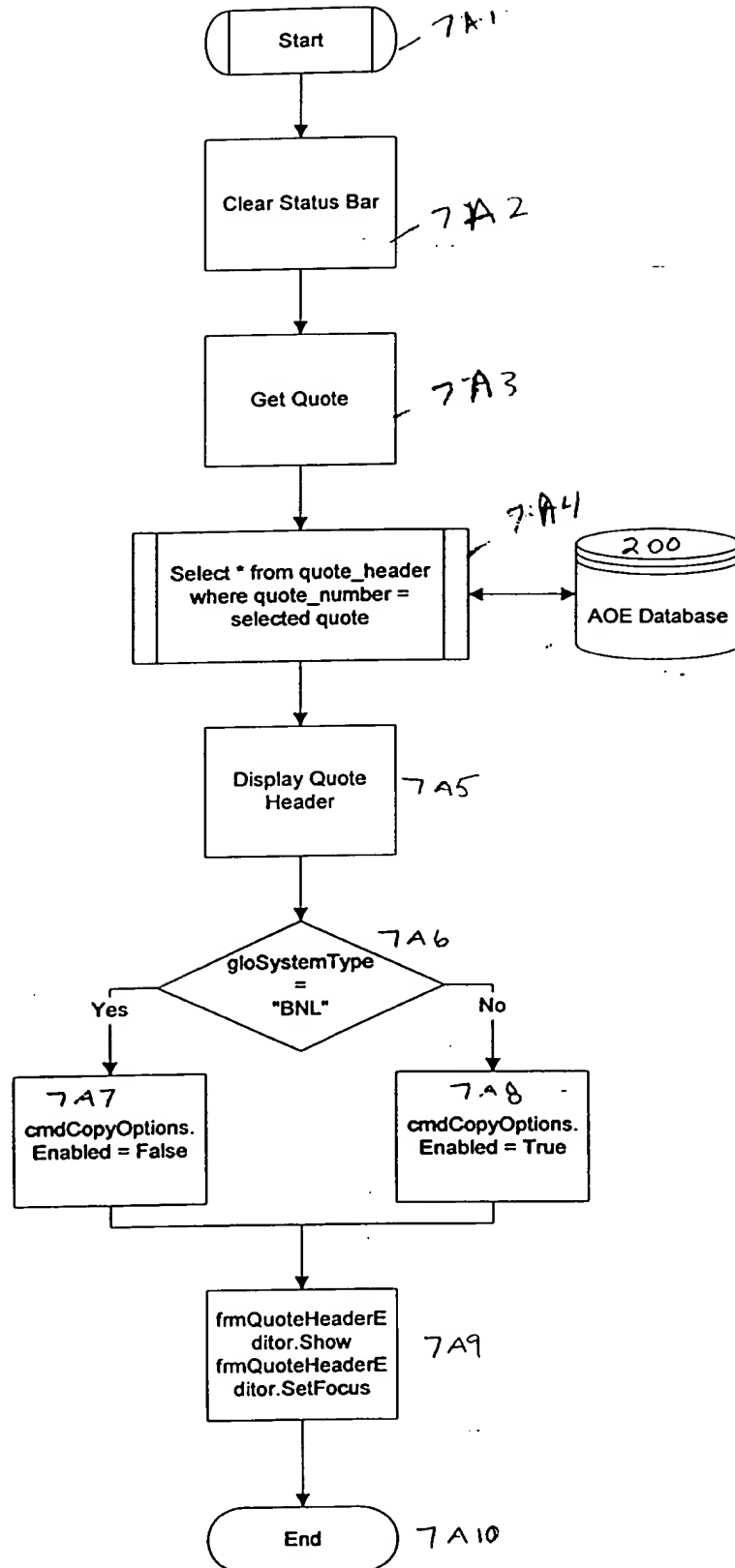


Fig. 5-7A

```

graph TD
    Start([Start]) --> 781
    781[Validate Effective Date, System Description, and System ID] --> 782{OK?}
    782 -- NO --> 784[Notify User]
    782 -- YES --> 785{Do You Really want to set to "Ready to Send"}
    785 -- NO --> 7812([Exit])
    785 -- YES --> 786[Select all records from SKU_pricing table for current quote]
    786 -- Select --> 200[(200) AOE Database]
    786 --> 788[loop through recordset to validate that any options are not priced at $0.00]
    788 -- loop --> 788
    788 --> 789{Any $0.00 options?}
    789 -- YES --> 790[Notify User]
    790 --> 7812
    789 -- NO --> 791((A))
  
```

1

0050342 054000

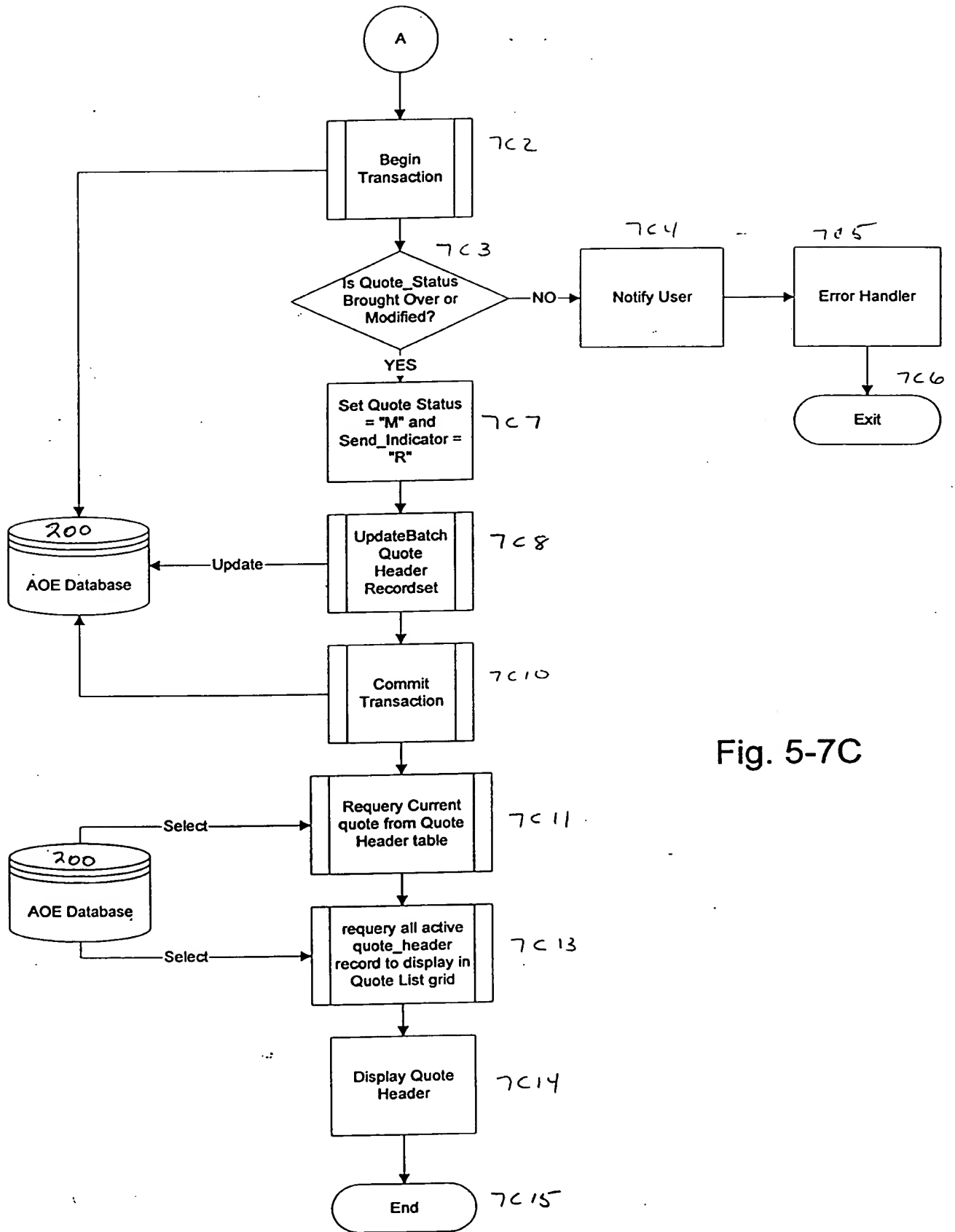
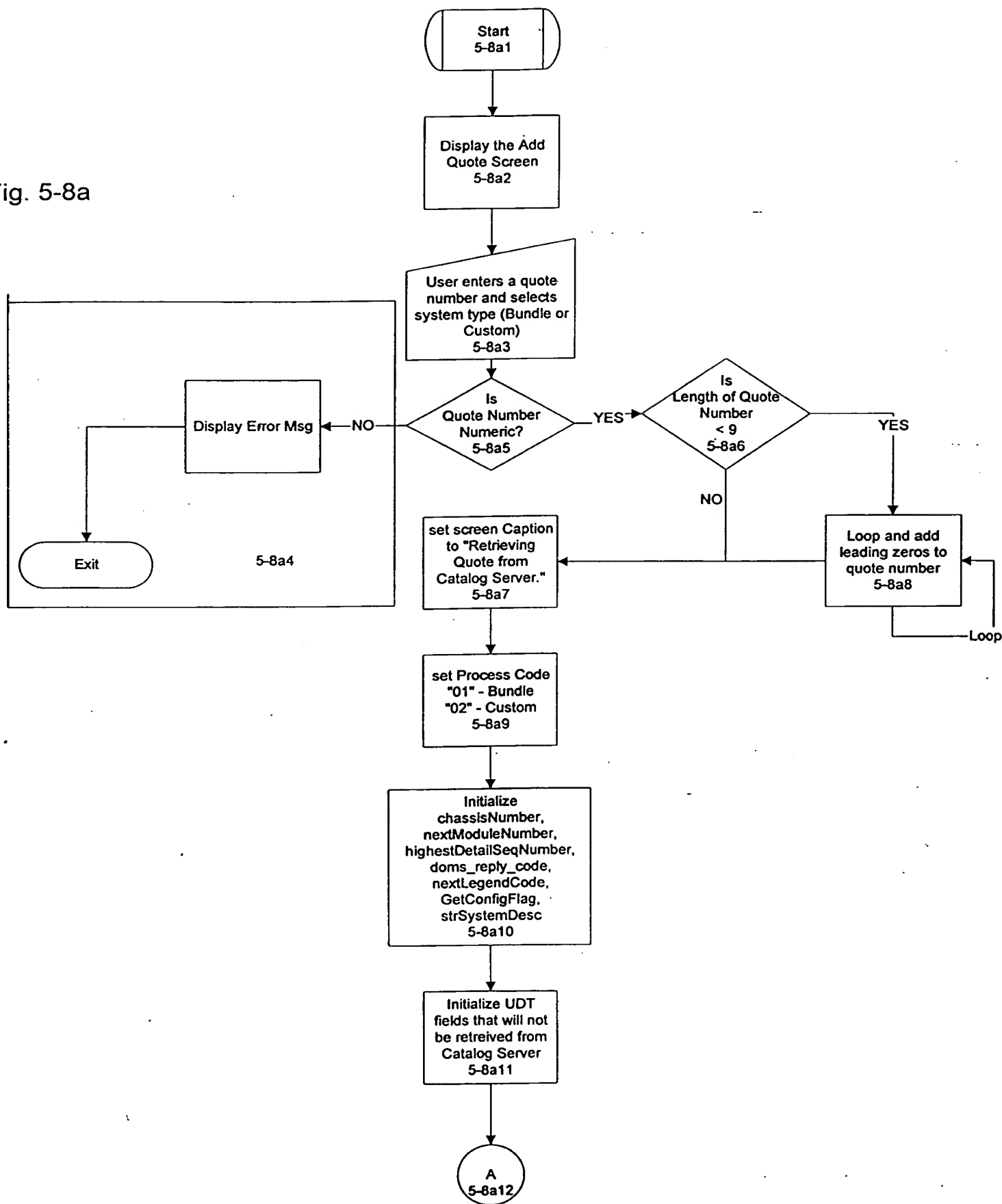


Fig. 5-7C



[illegible]

```

graph TD
    A((A)) -- 8b1 -> 8b2[Do While .Catalog  
Server_reply_code  
<>  
"02"  
(End of Options)]
    8b2 --> 8b4[Build the Quote  
Request string  
8b4]
    8b4 --> 8b5{Status = True?}
    8b5 -- NO --> 8b6[Log Error  
8b6]
    8b6 --> 8b7[Error Handler  
8b7]
    8b7 --> 8b8([Exit  
8b8])
    8b5 -- YES --> 8b9[Retrieve Agent 420  
messaging parameters  
from Catalog Table for  
current customer  
8b9]
    8b9 --> 8b11{mobAgent Is  
Nothing?}
    8b11 -- YES --> 8b12[Set  
mobAgent  
= New clsagent  
8b12]
    8b11 -- NO --> 8b13[Send Request  
string to  
Catalog  
Server1160  
8b13]
    8b12 --> 8b13
    8b13 --> 8b15[Set mobAgent =  
Nothing  
8b15]
    8b15 --> B((B))
    8b13 --> 8b14((Catalog Server1160  
8b14))
    8b14 --> 8b13
    8b13 --> 8b3[Catalog Server_reply_code  
'00 - success  
'01 - quote not found  
'02 - end of options  
'90 - quote skus have changed  
'99 - fatal processing error  
8b3]
    8b3 --> 8b2
    8b3 --> C((C))
    C --> 8b17[Loop until all  
fetches to Catalog  
Server1160  
have been made  
8b17]
    8b17 --> 8b3
  
```

**Fig. 5-8b**

002150 21 00500

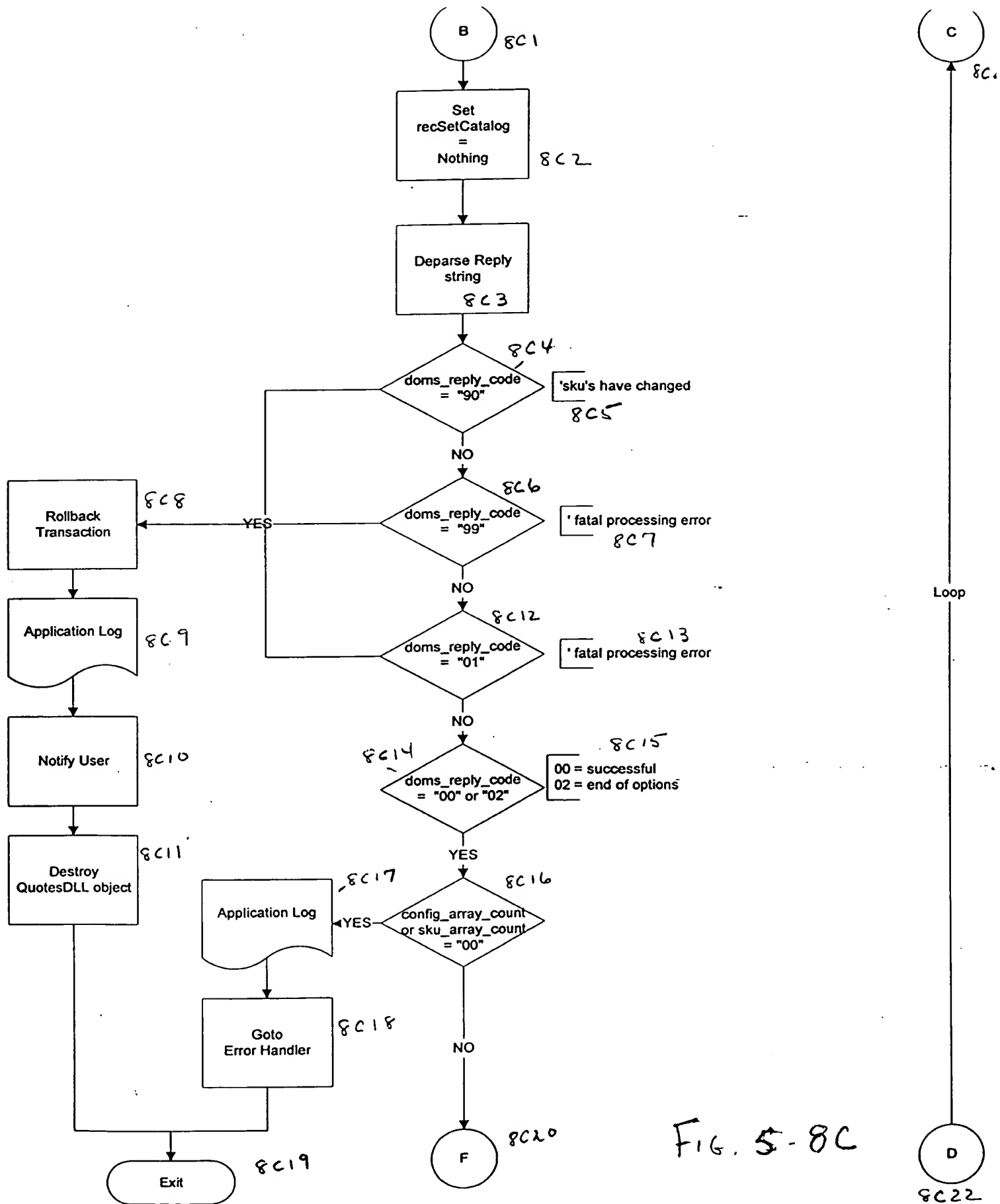


FIG. 5-8C

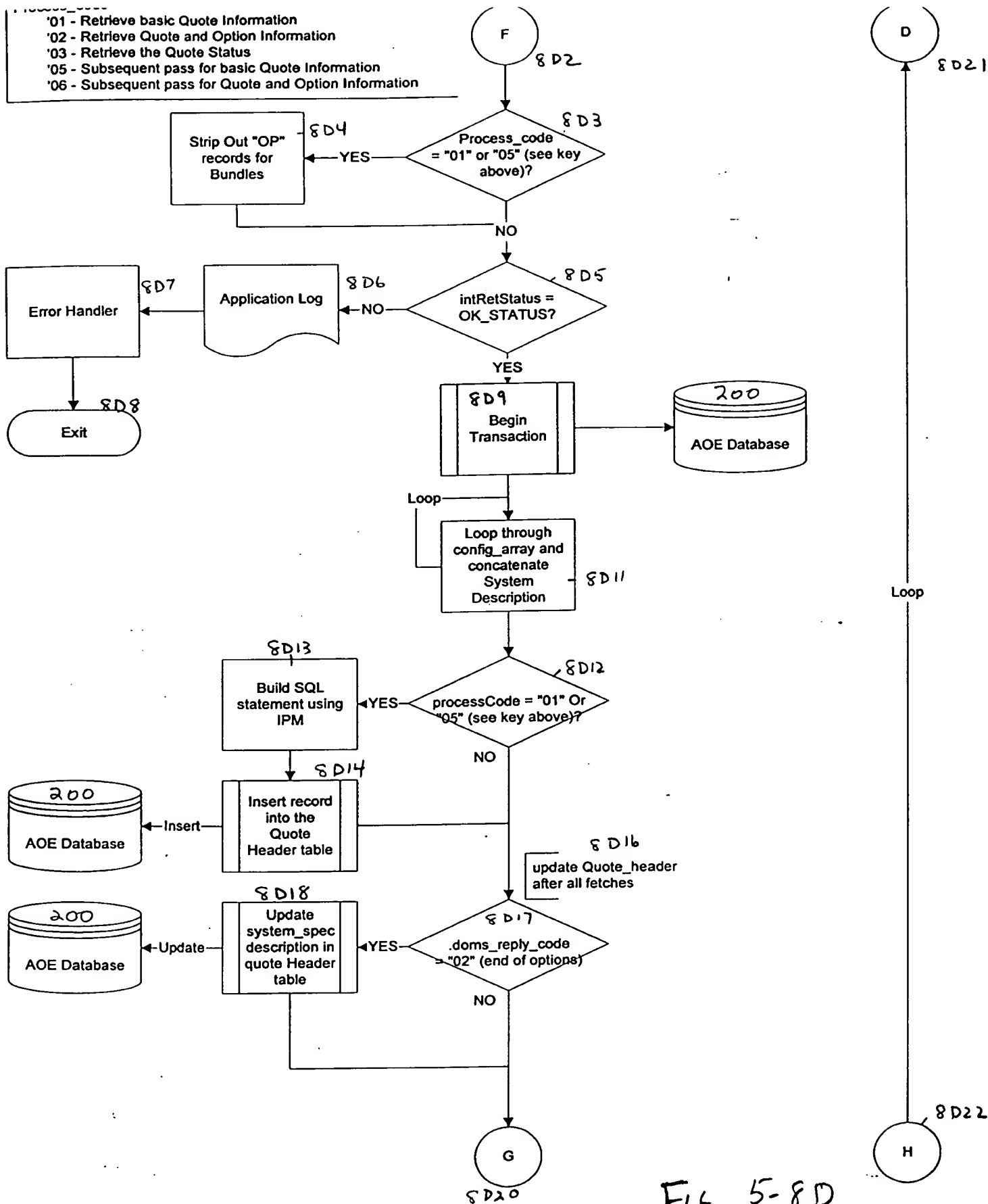


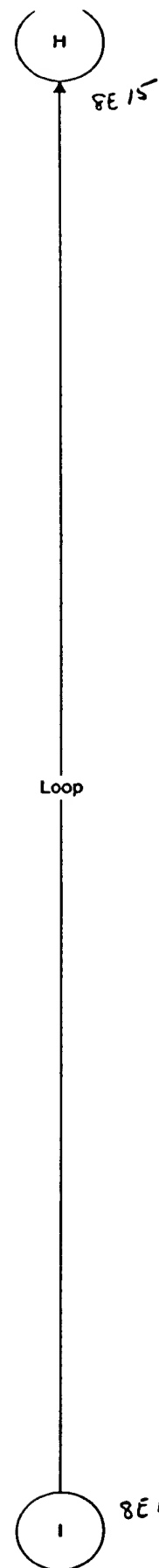
Fig 5-8D

```

graph TD
    G((G)) --> 8E1[For intArrayPtr1 = 1 To domslPM.sku_array_count]
    8E1 --> 8E2[Set SKU Friendly Descriptions for the current record]
    8E2 --> 8E3[Build Sql Statement]
    8E3 --> 8E4[Insert Config & Option records into the Quote_Detail table]
    8E4 --> 8E5{intArrayPtr1 = sku_array_count}
    8E5 -- YES --> 8E6[For intArrayPtr1 = 1 To domslPM.sku_array_count]
    8E5 -- NO --> 8E2
    8E6 --> 8E7[Set SKU Friendly Descriptions for the current record]
    8E7 --> 8E8[Build Sql Statement]
    8E8 --> 8E9[Insert Config & Option records into the SKU table]
    8E9 --> 8E10{intArrayPtr1 = sku_array_count}
    8E10 -- YES --> J((J))
    8E10 -- NO --> 8E7

```

Flowchart 200 illustrates the process of inserting configuration and option records into the Quote\_Detail table and the SKU table. The process starts with a loop for intArrayPtr1 = 1 To domslPM.sku\_array\_count. For each iteration, it sets SKU Friendly Descriptions for the current record, builds a SQL statement, and inserts the records into the Quote\_Detail table. A decision diamond checks if intArrayPtr1 equals sku\_array\_count. If YES, it proceeds to another loop for intArrayPtr1 = 1 To domslPM.sku\_array\_count. If NO, it loops back to the start of the first loop. The second loop also sets SKU Friendly Descriptions, builds a SQL statement, and inserts records into the SKU table. A second decision diamond checks if intArrayPtr1 equals sku\_array\_count. If YES, it proceeds to the end (J). If NO, it loops back to the start of the second loop.



00215016500

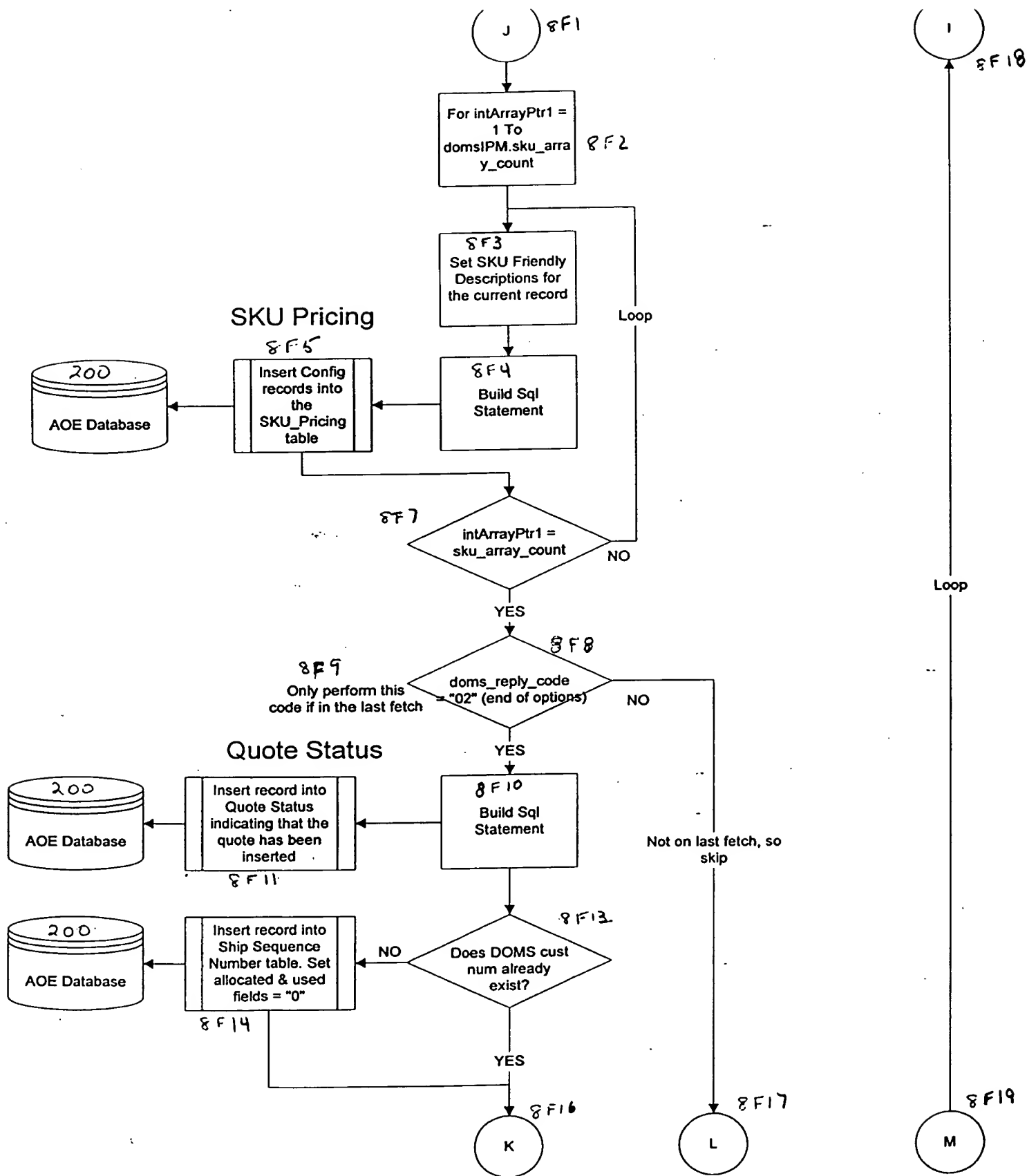


FIG 5-8F

```

graph TD
    K((K)) --> 862{862  
tax_exempt_customer  
= "Y"?}
    L((L)) -- 8617 --> 862
    862 -- YES --> 863[863  
Find record with same  
DOMS Cust Num, Cert No.,  
State, and Juris Level in Tax  
Exempt Cust table. If not  
found, insert record]
    862 -- NO --> 866[866  
Commit  
Transaction]
    863 --> AOE1[(200  
AOE Database)]
    866 --> AOE1
    866 --> 867{867  
Bundle or Custom?}
    867 -- BUNDLE --> 868[868  
processCode  
= "05"]
    867 -- CUSTOM --> 869[869  
processCode  
= "06"]
    868 --> 8610[8610  
set Chasis  
Number, next  
Module num, and  
next Legend Code]
    869 --> 8610
    8610 --> 8611{8611  
doms_reply_code  
= "02" (end of options)?}
    8611 -- NO --> Loop(( ))
    Loop -- 861 --> M((M))
    8611 -- YES --> 8613[8613  
Begin  
Transaction]
    8613 --> AOE2[(200  
AOE Database)]
    AOE2 -- Select --> 8615[8615  
Select * From  
Quote_Detail Where  
doms_record_type =  
'CF']
    8615 --> N((N))
    N -- 8616 --> 861

```

```

graph TD
    Start((N)) --> 8H2[8H2  
Select * From Quote_Detail Where  
doms_record_type = 'CF'  
recSetQuoteDetailLegendPrices]
    DB1[(200  
AOE Database)] --> 8H2
    8H2 --> 8H4[8H4  
Select * From Quote_Header for  
current quote  
recSetQuoteHeaderPrice]
    DB2[(200  
AOE Database)] --> 8H4
    8H4 --> 8H6[8H6  
Select * From SKU_PRICING for  
current quote and customer and  
sku_price_status = 'Y'  
recSetSkuPrice]
    DB3[(200  
AOE Database)] --> 8H6
    8H6 --> 8H8[8H8  
Select * From SKU for  
current quote and customer and  
sku_status = 'Y'  
recSetSku]
    DB4[(200  
AOE Database)] --> 8H8
    8H8 --> 8H10[8H10  
recSetQuoteDetailLegendPrices  
.movefirst]
    8H10 --> 8H11[8H11  
Do While Not  
recSetQuoteDetailLegendPrices.EOF]
    8H11 --> 8H13[8H13  
recSetQuoteDetailLegendPrices!dom  
s_legend_price = 0#]
    8H13 --> 8H14[8H14  
recSetSkuPrice.MoveFirst]
    8H14 --> End((O))
    8H11 -- Loop --> 8H13
    End --> 8H12((P))
    
```

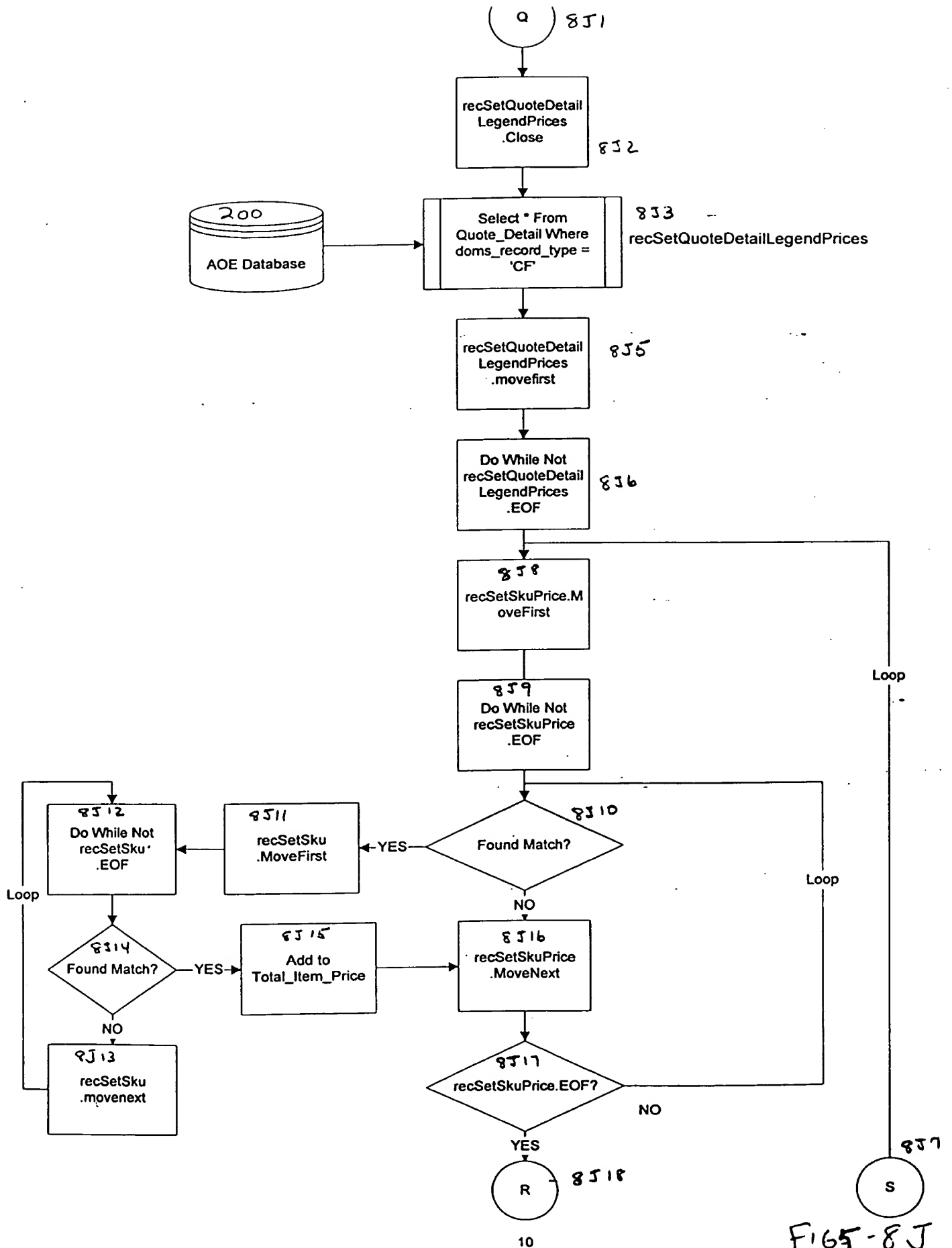
8



```

graph TD
    O((O 811)) --> 812[Do While Not  
recSetSkuPrice.EOF]
    812 --> 813{813  
Find Match?}
    813 -- YES --> 814[814  
Calculate Legend Price]
    813 -- NO --> 815[815  
recSetSkuPrice.MoveNext]
    814 -- Loop --> 816{816  
recSetSkuPrice.EOF?}
    815 --> 816
    816 -- NO --> 813
    816 -- YES --> 817[817  
recSetQuoteDetailLegendPrices.MoveNext]
    817 --> 818{818  
recSetQuoteDetailLegendPrices.EOF}
    818 -- NO --> P((P 819))
    818 -- YES --> 8110[8110  
recSetQuoteDetailLegendPrices.UpdateBatch]
    8110 --> DB[(200  
AOE Database)]
    8110 --> Q((Q 8112))
  
```

0059343-064300



```

graph TD
    R((R)) --> 8K2[8K2  
recSetQuoteDetail  
LegendPrices  
.MoveNext]
    8K2 --> 8K3{8K3  
recSetQuoteDetailLegendPr  
ices.EOF}
    8K3 -- NO --> 8K4((S))
    8K3 -- YES --> 8K5{8K5  
TotalItemPrice =  
recSetQuoteHeaderPriceID  
OMS_QUOTE_ITEM_TOTA  
L?}
    8K5 -- NO --> 8K6[8K6  
Notify User]
    8K5 -- YES --> 8K12[8K12  
Commit Transaction]
    8K6 --> 8K7[/8K7  
Application Log/]
    8K7 --> 8K8[8K8  
perform Update  
Batch set  
Quote_status in  
Exception for  
current quote]
    8K8 --> 8K10[8K10  
Insert record into  
Quote_Status  
table]
    8K10 --> 8K12
    8K12 --> 8K13[8K13  
Notify User of  
successful extract]
    8K13 --> 8K14([8K14  
End])
    8K12 --> AOE1[(200  
AOE Database)]
    8K12 --> AOE2[(200  
AOE Database)]
  
```

```

graph TD
    Start([Start]) --> Init[Initialization]
    Init --> Select[Select quote_header records]
    AOE[(AOE Database)] --> Select
    Select --> AnyRecords{Any Records?}
    AnyRecords -- NO --> ClearGrids[Clear Grids]
    AnyRecords -- YES --> LoopStart[Loop until no more records]
    ClearGrids --> NotifyUser[Notify User "No Catalog Records"]
    LoopStart --> DisplayGrid[Display record in grid]
    DisplayGrid --> AnyMoreRecords{Any More records?}
    AnyMoreRecords -- YES --> DisplayCatalog[Display Catalog File History screen]
    AnyMoreRecords -- NO --> LoopStart
    NotifyUser --> DisplayCatalog
    DisplayCatalog --> Exit([Exit])
  
```

Fig. 5-9

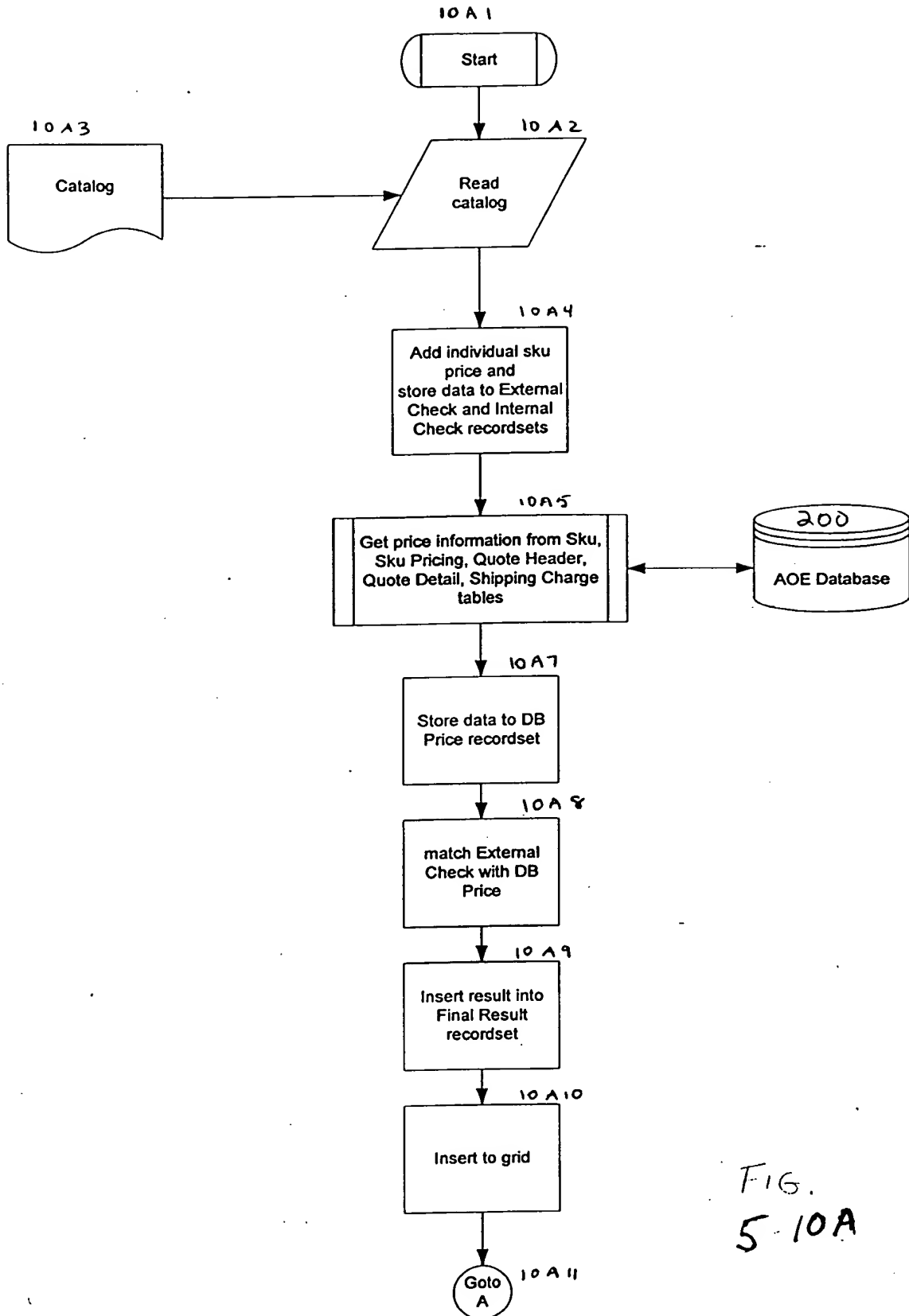
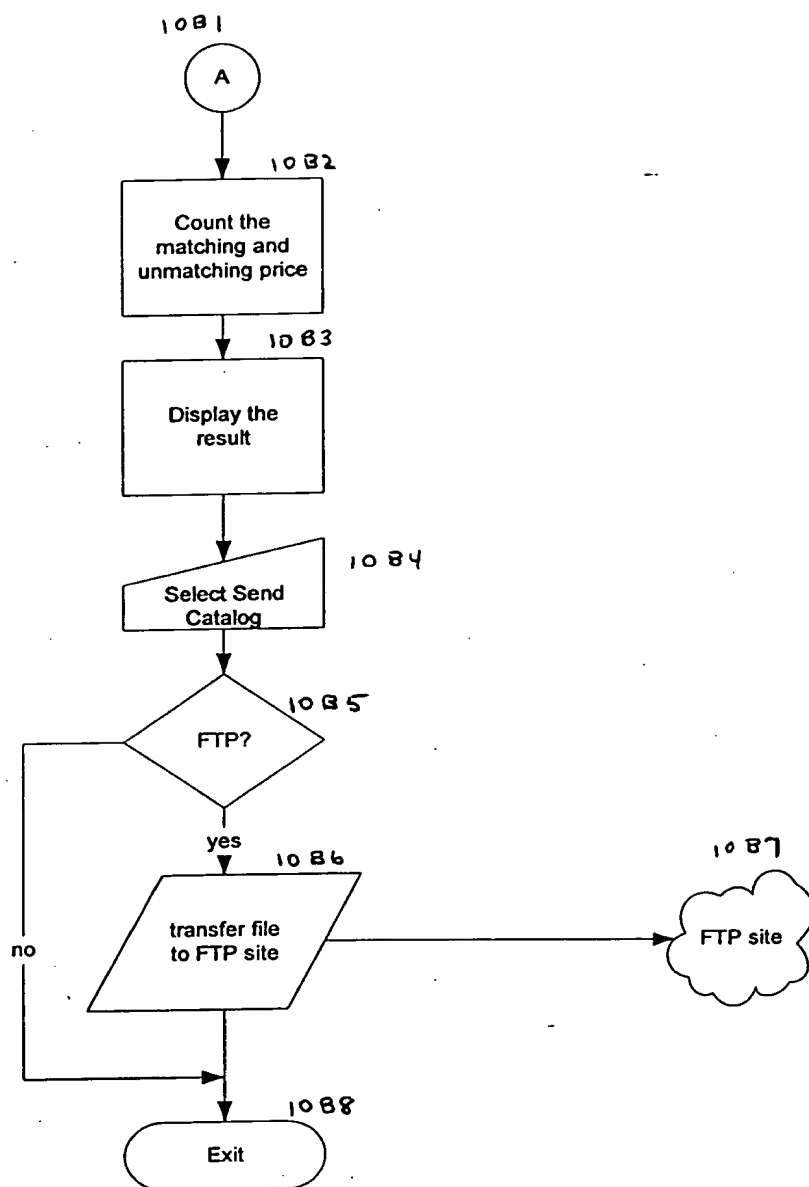


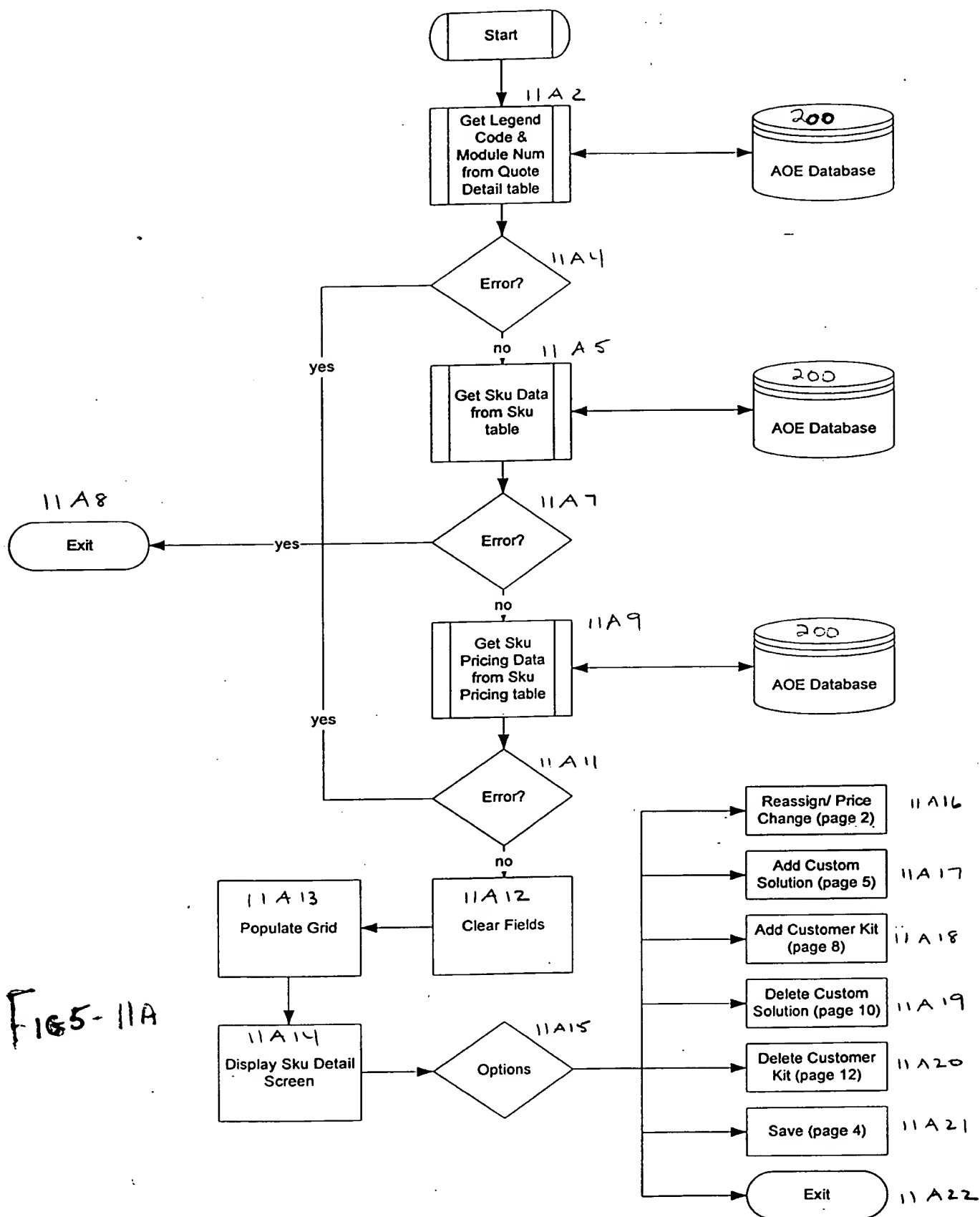
FIG.  
5-10A

2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300 2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346 2347 2348 2349 2350 2351 2352 2353 2354 2355 2356 2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2367 2368 2369 2370 2371 2372 2373 2374 2375 2376 2377 2378 2379 2380 2381 2382 2383 2384 2385 2386 2387 2388 2389 2390 2391 2392 2393 2394 2395 2396 2397 2398 2399 2400 2401 2402 2403 2404 2405 2406 2407 2408 2409 2410 2411 2412 2413 2414 2415 2416 2417 2418 2419 2420 2421 2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2435 2436 2437 2438 2439 2440 2441 2442 2443 2444 2445 2446 2447 2448 2449 2450 2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466 2467 2468 2469 2470 2471 2472 2473 2474 2475 2476 2477 2478 2479 2480 2481 2482 2483 2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497 2498 2499 2500 2501 2502 2503 2504 2505 2506 2507 2508 2509 2510 2511 2512 2513 2514 2515 2516 2517 2518 2519 2520 2521 2522 2523 2524 2525 2526 2527 2528 2529 2530 2531 2532 2533 2534 2535 2536 2537 2538 2539 2540 2541 2542 2543 2544 2545 2546 2547 2548 2549 2550 2551 2552 2553 2554 2555 2556 2557 2558 2559 2560 2561 2562 2563 2564 2565 2566 2567 2568 2569 2570 2571 2572 2573 2574 2575 2576 2577 2578 2579 2580 2581 2582 2583 2584 2585 2586 2587 2588 2589 2590 2591 2592 2593 2594 2595 2596 2597 2598 2599 2600 2601 2602 2603 2604 2605 2606 2607 2608 2609 2610 2611 2612 2613 2614 2615 2616 2617 2618 2619 2620 2621 2622 2623 2624 2625 2626 2627 2628 2629 2630 2631 2632 2633 2634 2635 2636 2637 2638 2639 2640 2641 2642 2643 2644 2645 2646 2647 2648 2649 2650 2651 2652 2653 2654 2655 2656 2657 2658 2659 2660 2661 2662 2663 2664 2665 2666 2667 2668 2669 2670 2671 2672 2673 2674 2675 2676 2677 2678 2679 2680 2681 2682 2683 2684 2685 2686 2687 2688 2689 2690 2691 2692 2693 2694 2695 2696 2697 2698 2699 2700 2701 2702 2703 2704 2705 2706 2707 2708 2709 2710 2711 2712 2713 2714 2715 2716 2717 2718 2719 2720 2721 2722 2723 2724 2725 2726 2727 2728 2729 2730 2731 2732 2733 2734 2735 2736 2737 2738 2739 2740 2741 2742 2743 2744 2745 2746 2747 2748 2749 2750 2751 2752 2753 2754 2755 2756 2757 2758 2759 2760 2761 2762 2763 2764 2765 2766 2767 2768 2769 2770 2771 2772 2773 2774 2775 2776 2777 2778 2779 2780 2781 2782 2783 2784 2785 2786 2787 2788 2789 2790 2791 2792 2793 2794 2795 2796 2797 2798 2799 2800 2801 2802 2803 2804 2805 2806 2807 2808 2809 2810 2811 2812 2813 2814 2815 2816 2817 2818



F 16. 5-10B

FIG 5-11A



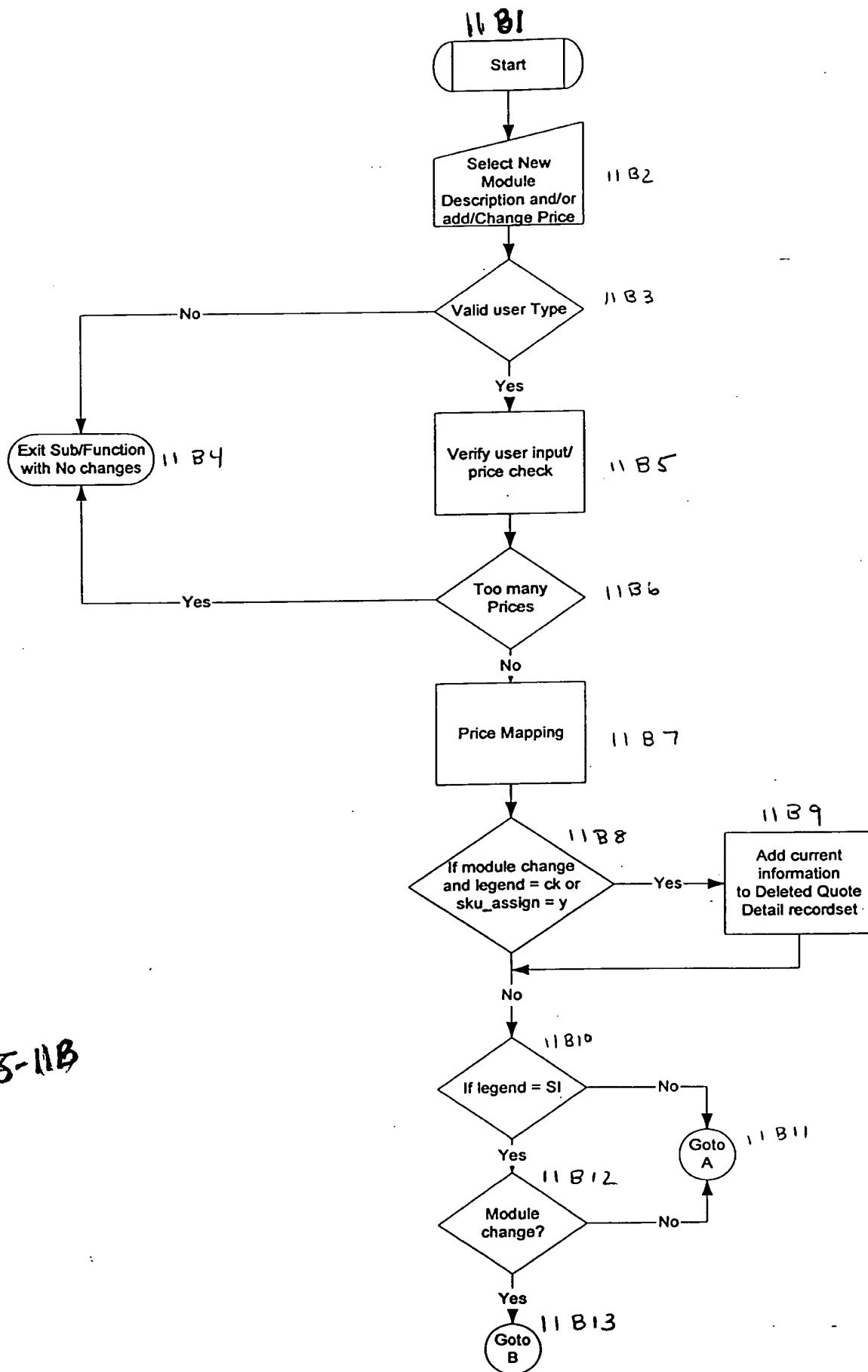
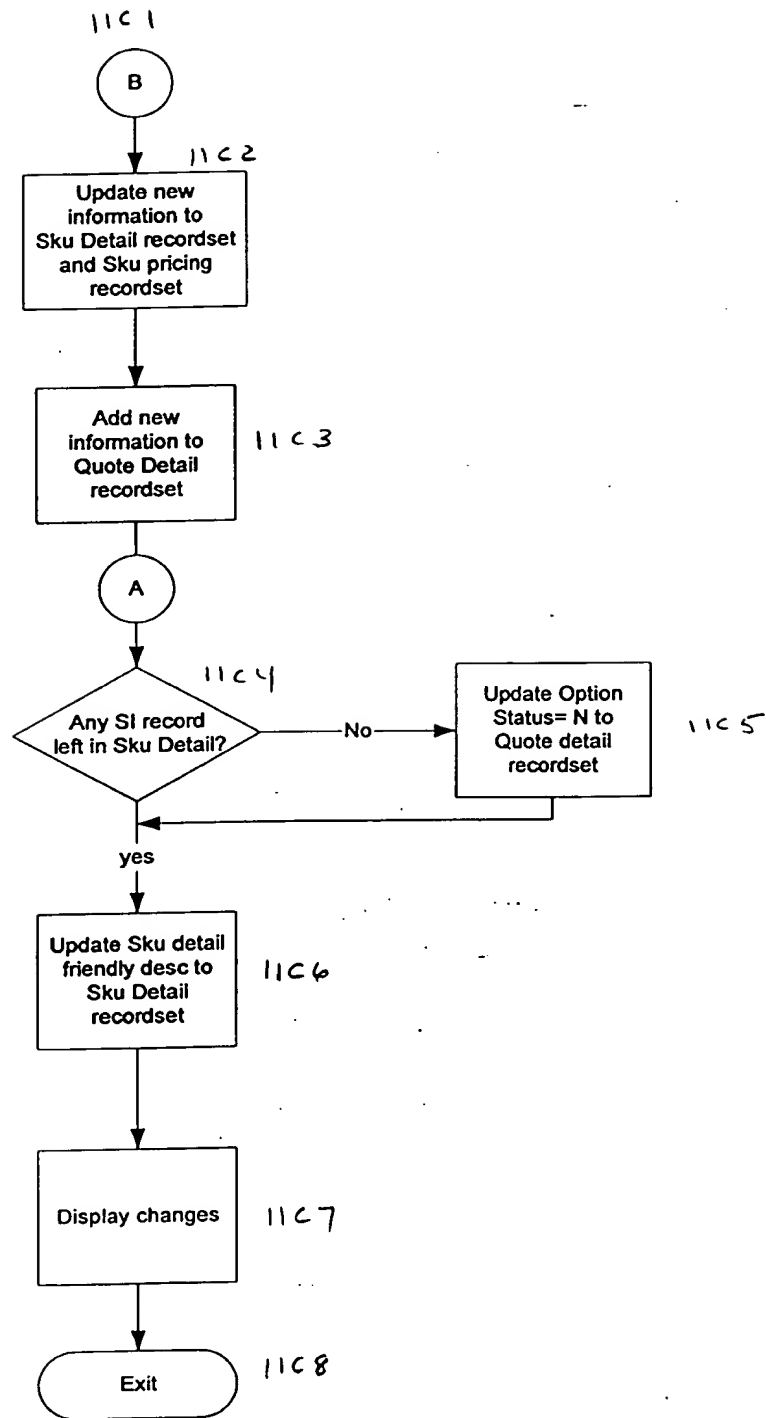


FIG 5-11B

002150-031300



FIG. 5-11C

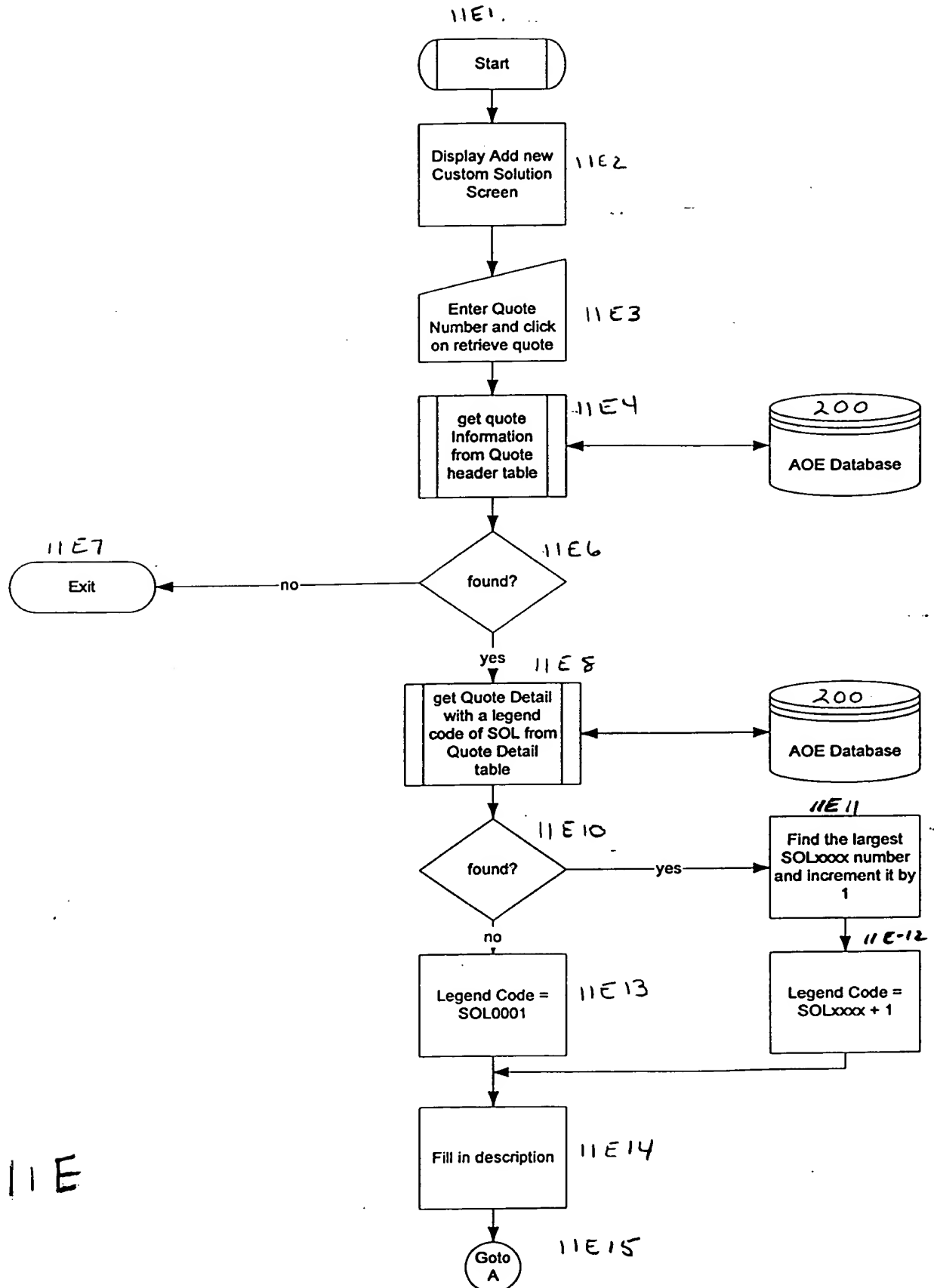


```

graph TD
    Start([1101 Start]) --> AllowSave{1102 Allow save?}
    AllowSave -- no --> Exit1([1103 Exit])
    AllowSave -- yes --> BeginTrans[1104 Begin Transaction]
    BeginTrans --> UpdatePricing[1106 Update batch Sku Pricing]
    UpdatePricing <--> AOE1[(200 AOE Database)]
    UpdatePricing --> UpdateQuote[1107 Update batch Quote Detail]
    UpdateQuote <--> AOE2[(200 AOE Database)]
    UpdateQuote --> UpdateSku[1109 Update batch Sku Detail]
    UpdateSku <--> AOE3[(200 AOE Database)]
    UpdateSku --> DeleteQuote[11012 Delete Deletedquote detail recordset from quote detail]
    DeleteQuote <--> AOE4[(200 AOE Database)]
    DeleteQuote --> Errors{11014 Errors?}
    Errors -- yes --> Rollback[11015 Roll back Transaction]
    Rollback <--> AOE5[(200 AOE Database)]
    Rollback --> Exit2([11020 Exit])
    Errors -- no --> Commit[11017 Commit Transaction]
    Commit <--> AOE6[(200 AOE Database)]
    Commit --> DisplayQuote[11018 Display Quote Detail see flowchart]
    DisplayQuote --> RefreshSku[11019 Refresh Sku Detail see flowchart]
    RefreshSku --> Exit2
  
```

FIG. 5-11-D

FIG. 5-11 E



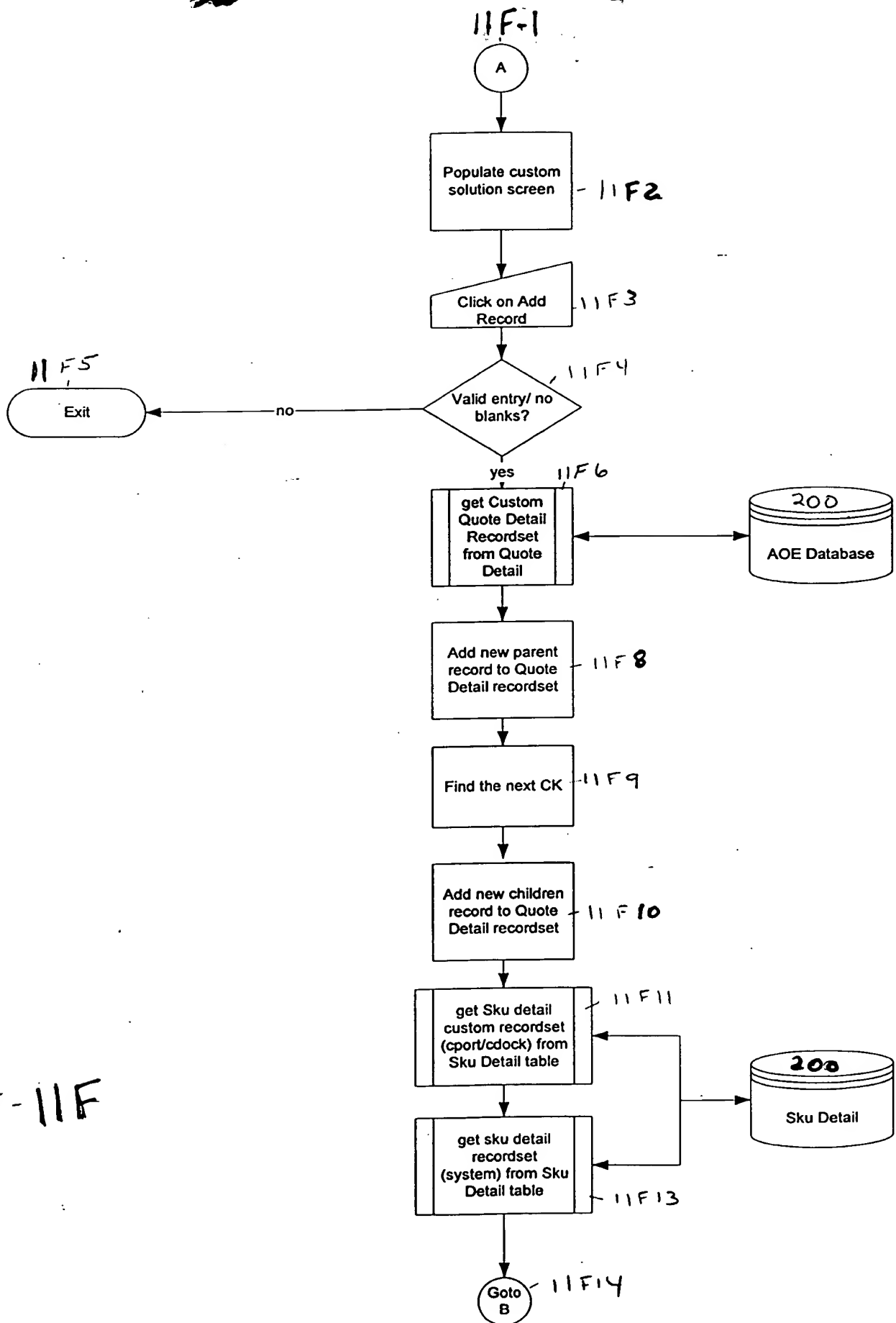
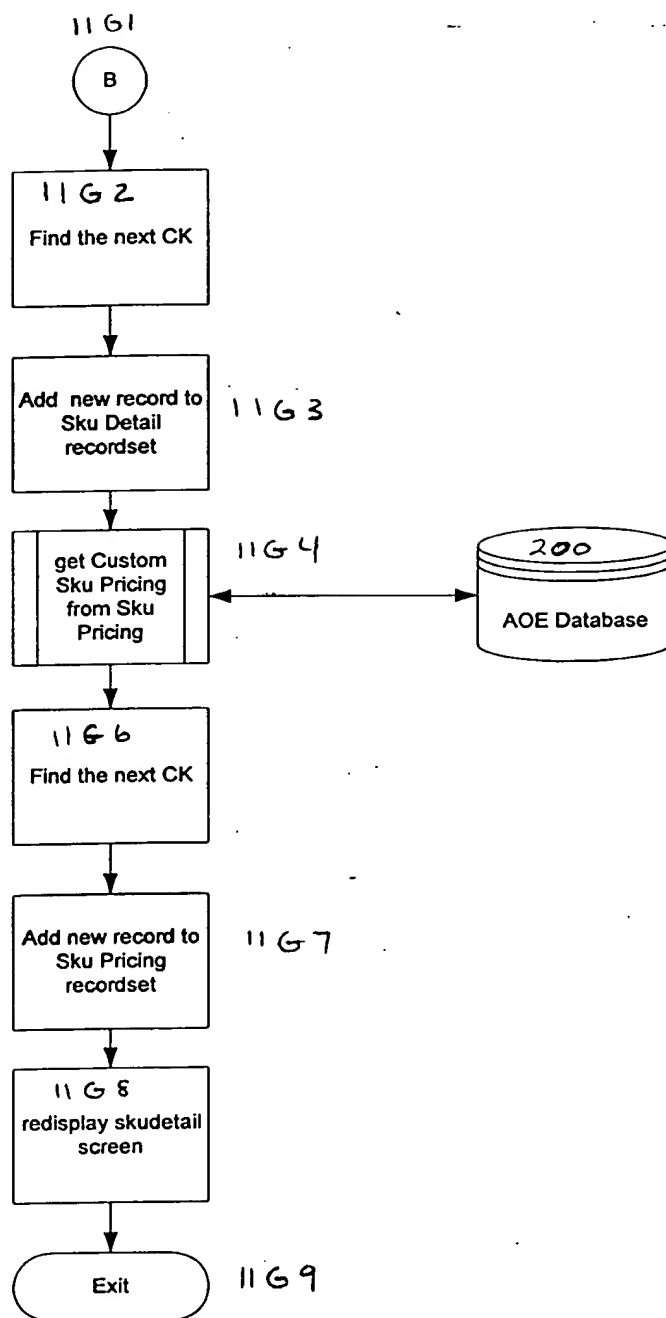
[illegible]

FIG. 5-11F

FIG. 5 - 11G



```

graph TD
    Start([Start]) --> GetQuote[Get quote detail information from Quote Detail]
    AOE[(AOE Database)] --> GetQuote
    GetQuote --> Found{found?}
    Found -- No --> Exit1([Exit])
    Found -- yes --> Clear[Clear fields]
    Clear --> Disable[disable command buttons]
    Disable --> Populate[populate field for 'CF' for each module number found]
    Populate --> EOF{EOF?}
    EOF -- no --> Populate
    EOF -- yes --> Display[Display Quote Detail screen]
    Display --> Options{Options}
    Options --> Legend[Legend Detail  
(see 17. Legend detail flowchart)]
    Options --> Exit2([Exit])

```

FIG. 5-12

002150-064300

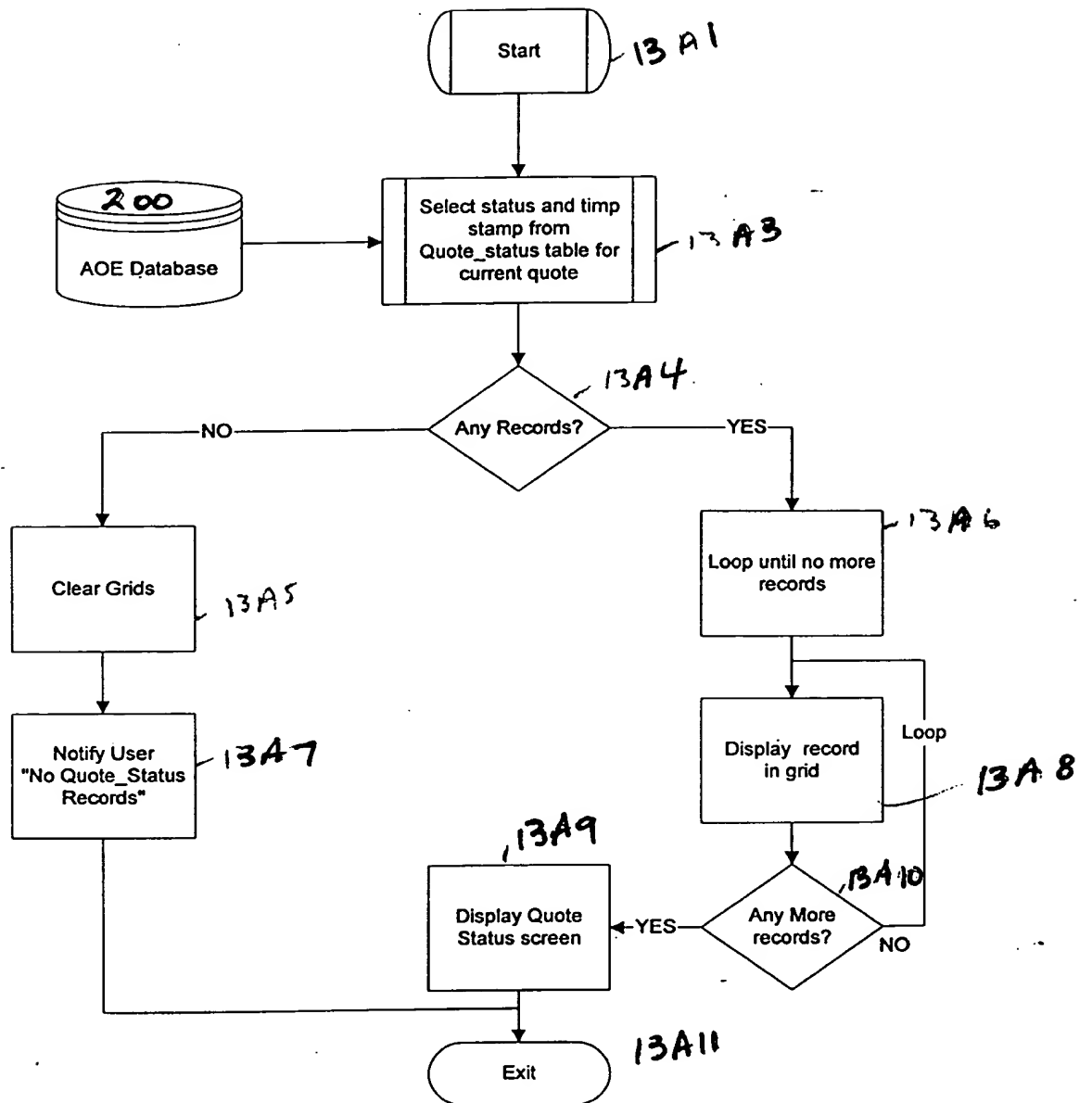


FIG 5-13

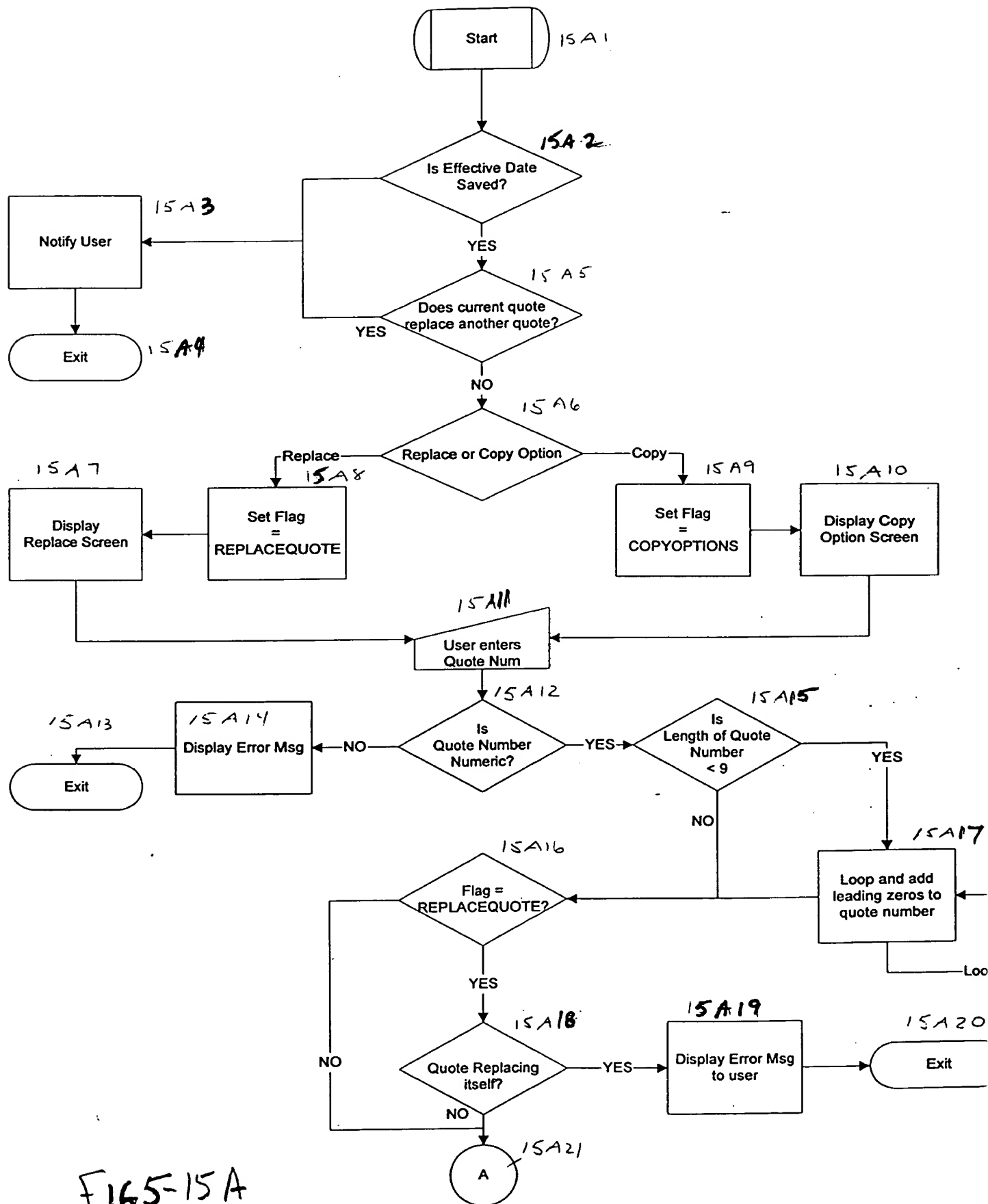


FIG 5-15A



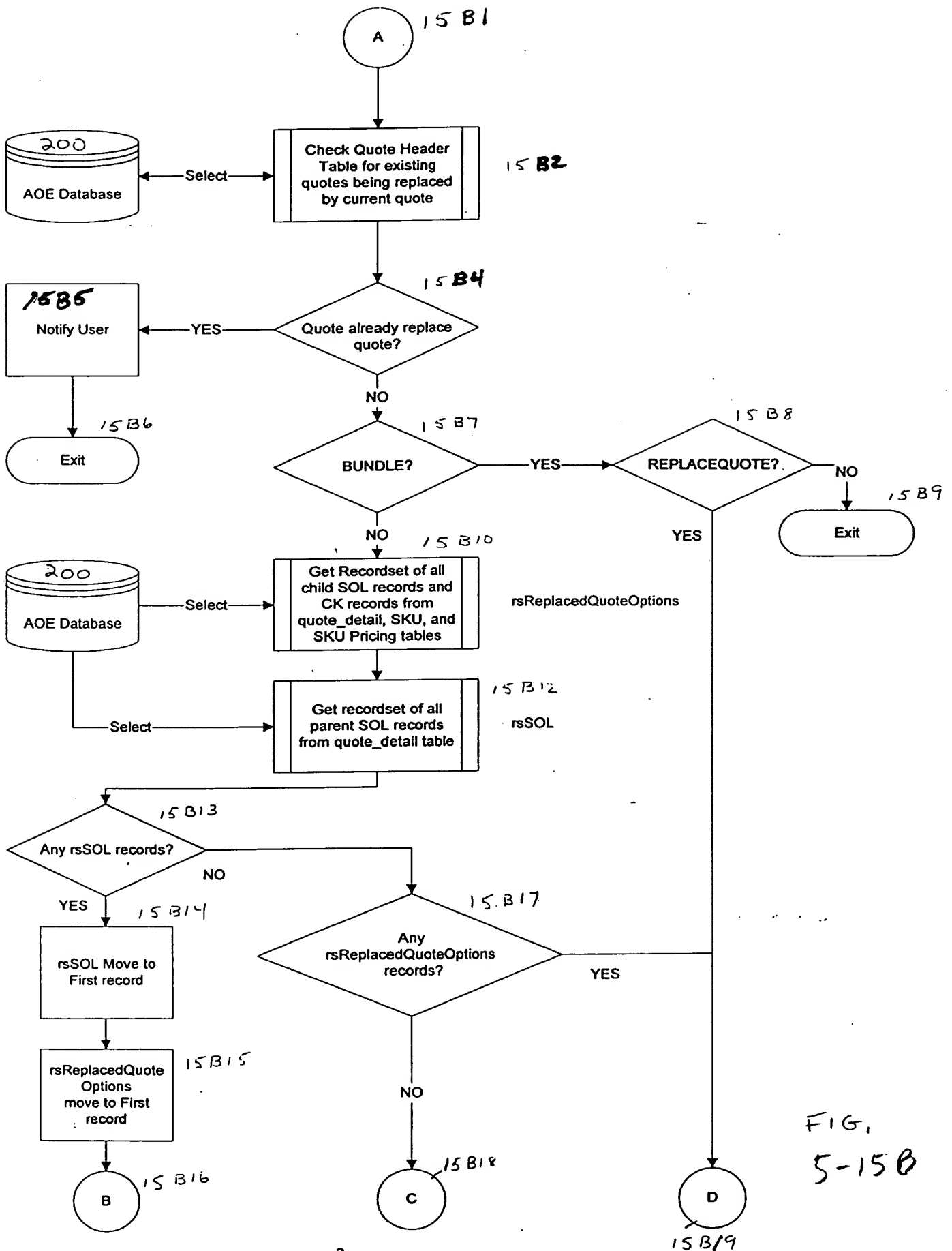


FIG. 5-150

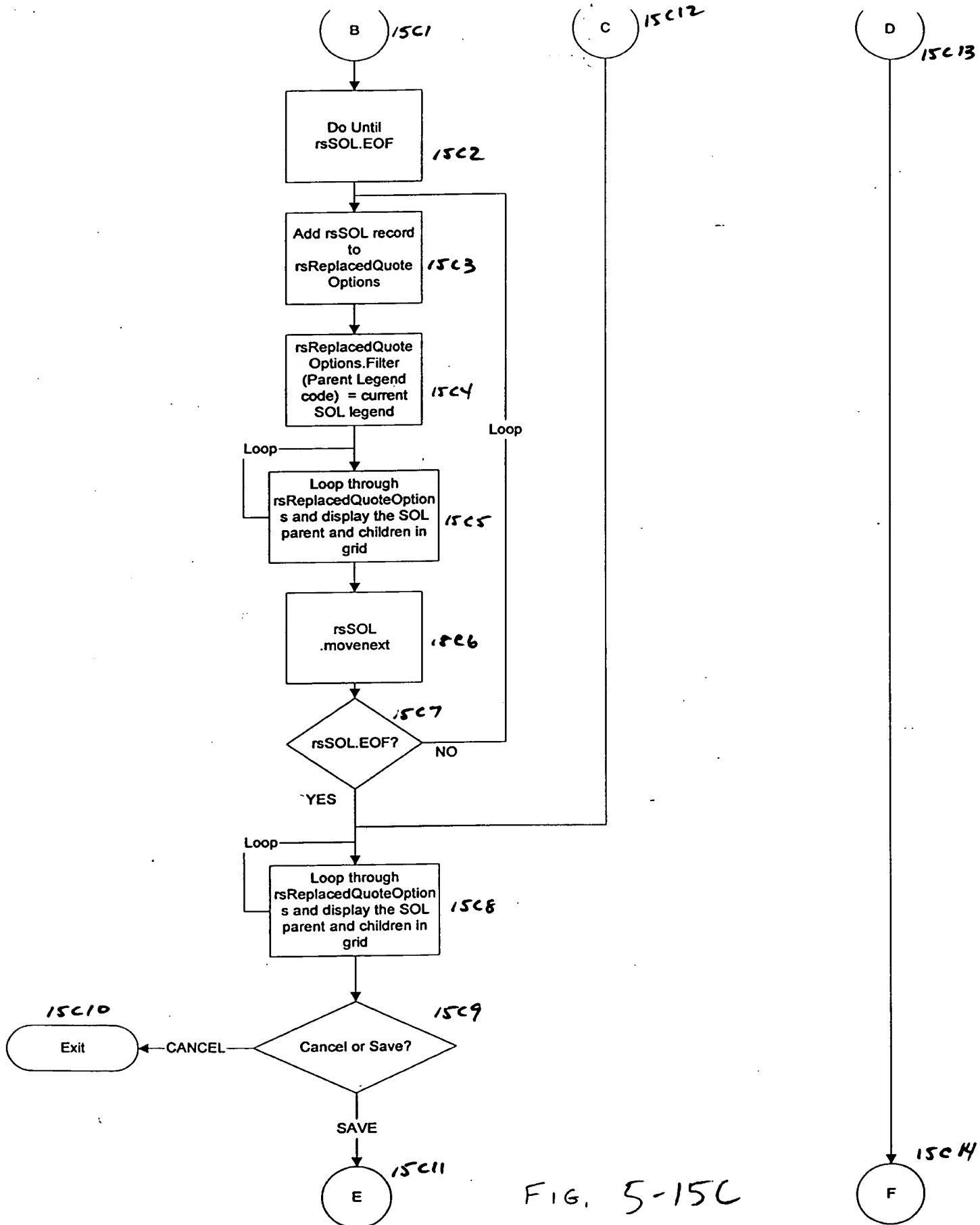
[illegible]

FIG. 5-15C

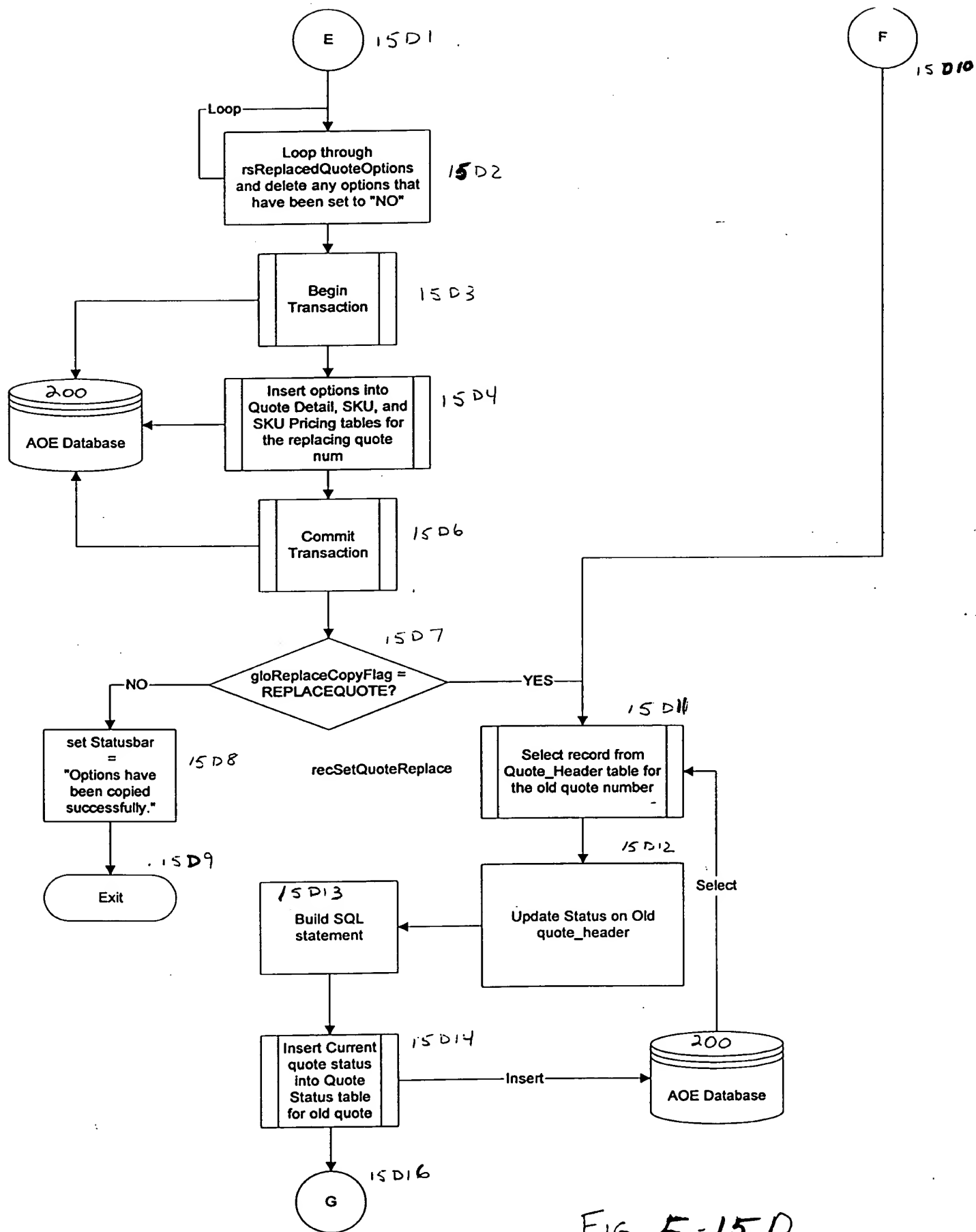


FIG. 5-15D

```

graph TD
    G((G)) --> 15E1[15E1]
    15E1 --> 15E2[15E2]
    15E2 --> 15E3[15E3]
    15E3 -- Update --> AOE[(AOE Database)]
    AOE -- Select --> 15E4[15E4]
    15E4 --> 15E6[15E6]
    15E6 --> 15E7[15E7]
    15E7 -- Insert --> AOE
    AOE --> 15E8[15E8]
    15E8 --> 15E9[15E9]

```

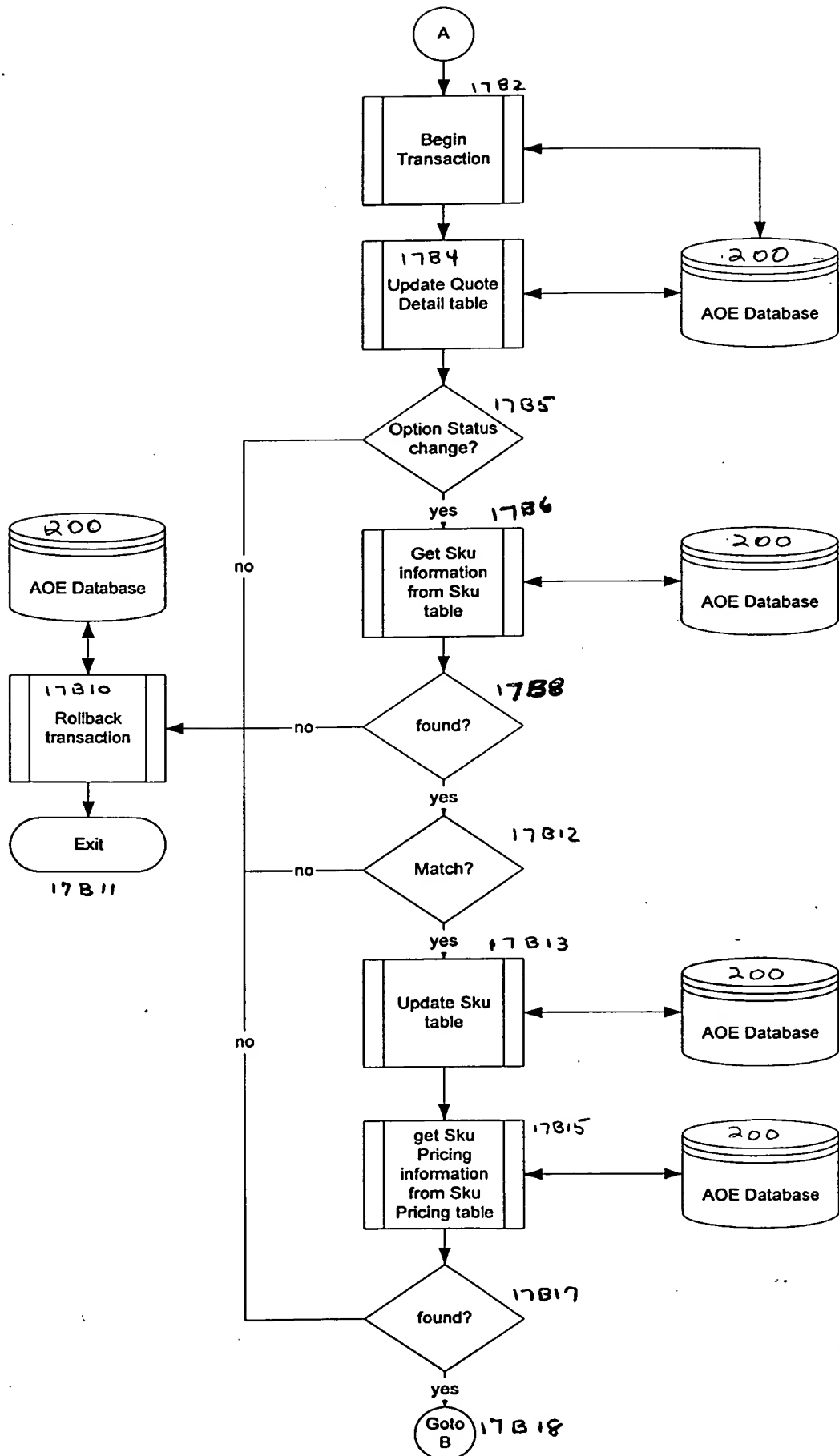
**5**

```

graph TD
    17A1([Start]) --> 17A2[/Select Option/]
    17A2 --> 17A3[Populate Legend friendly description]
    17A3 --> 17A4[/Check Extract box/]
    17A4 --> 17A5[Update option status, modified by and last modified to Legend List recordset]
    17A5 --> 17A6[Redisplay the option on the grid with the changes]
    17A6 --> 17A7[/Save/]
    17A7 --> 17A8{Valid send indicator?}
    17A8 -- no --> 17A9([Exit])
    17A8 -- yes --> 17A10{Option status or description change?}
    17A10 --> 17A11{EOF?}
    17A11 --> 17A12((Goto A))
    17A11 --> 17A10
  
```

FIG 5-17A

\_\_\_\_\_



2025 RELEASE UNDER E.O. 14176

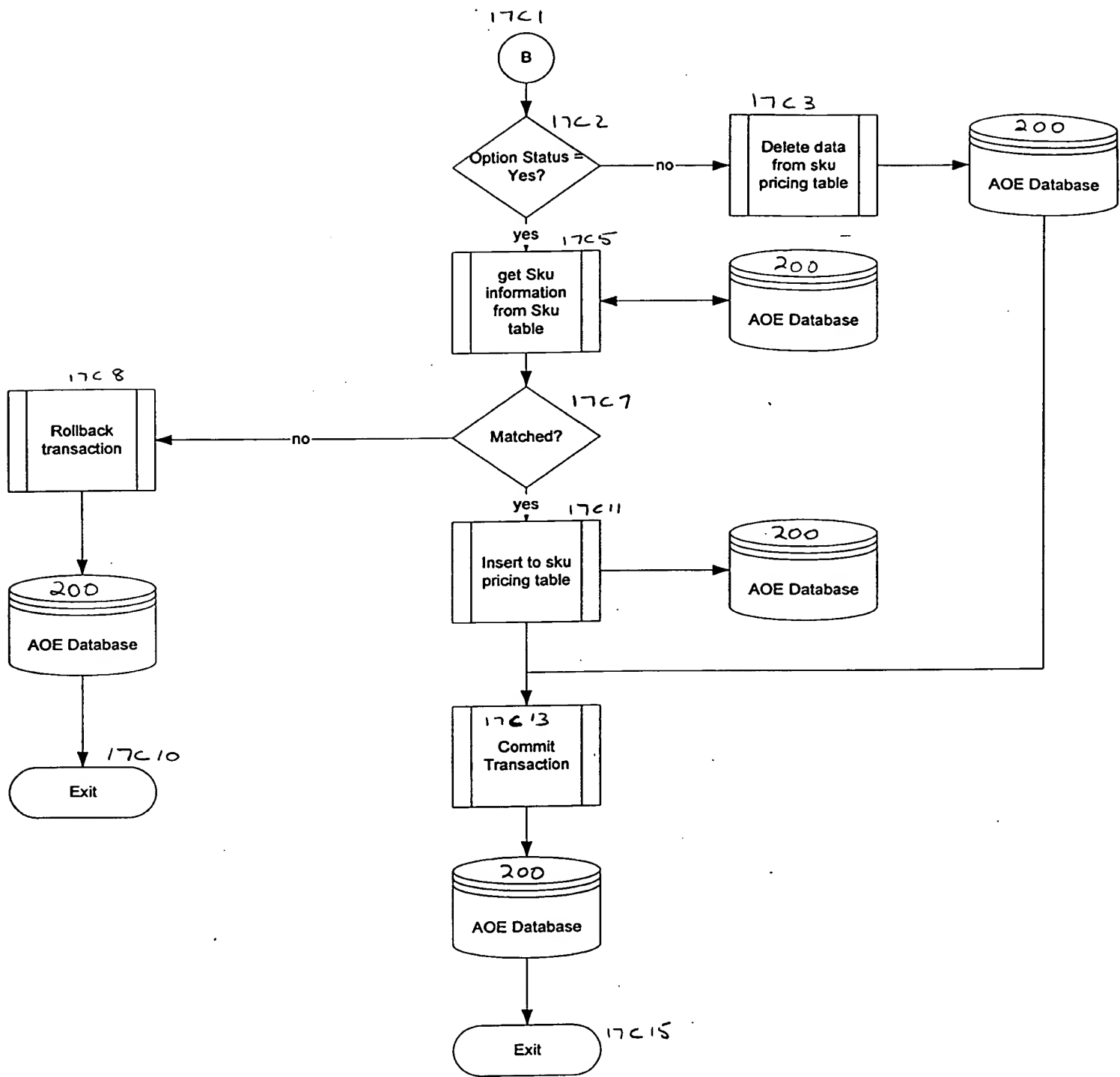


FIG 5-17C

00000112.001300

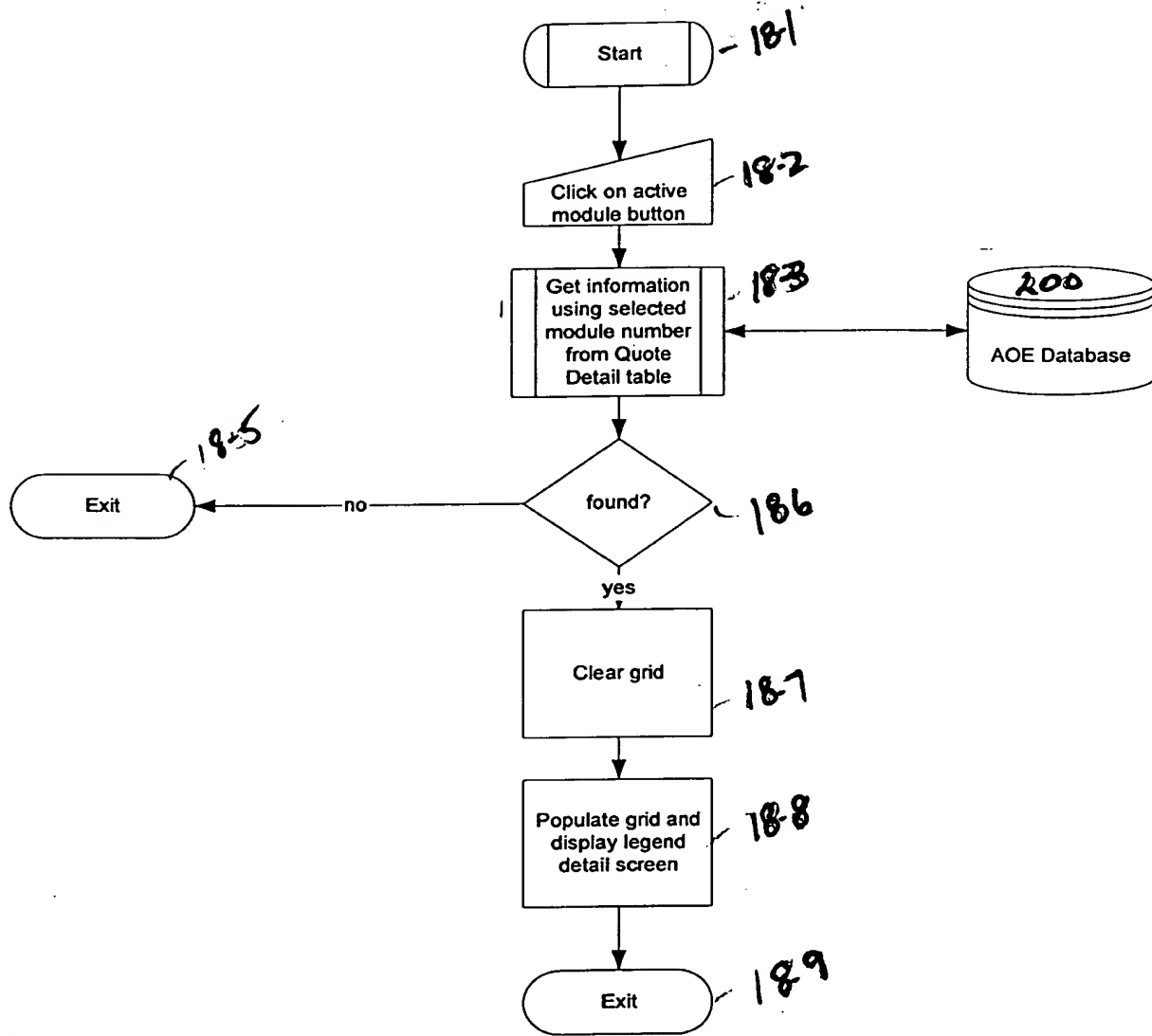
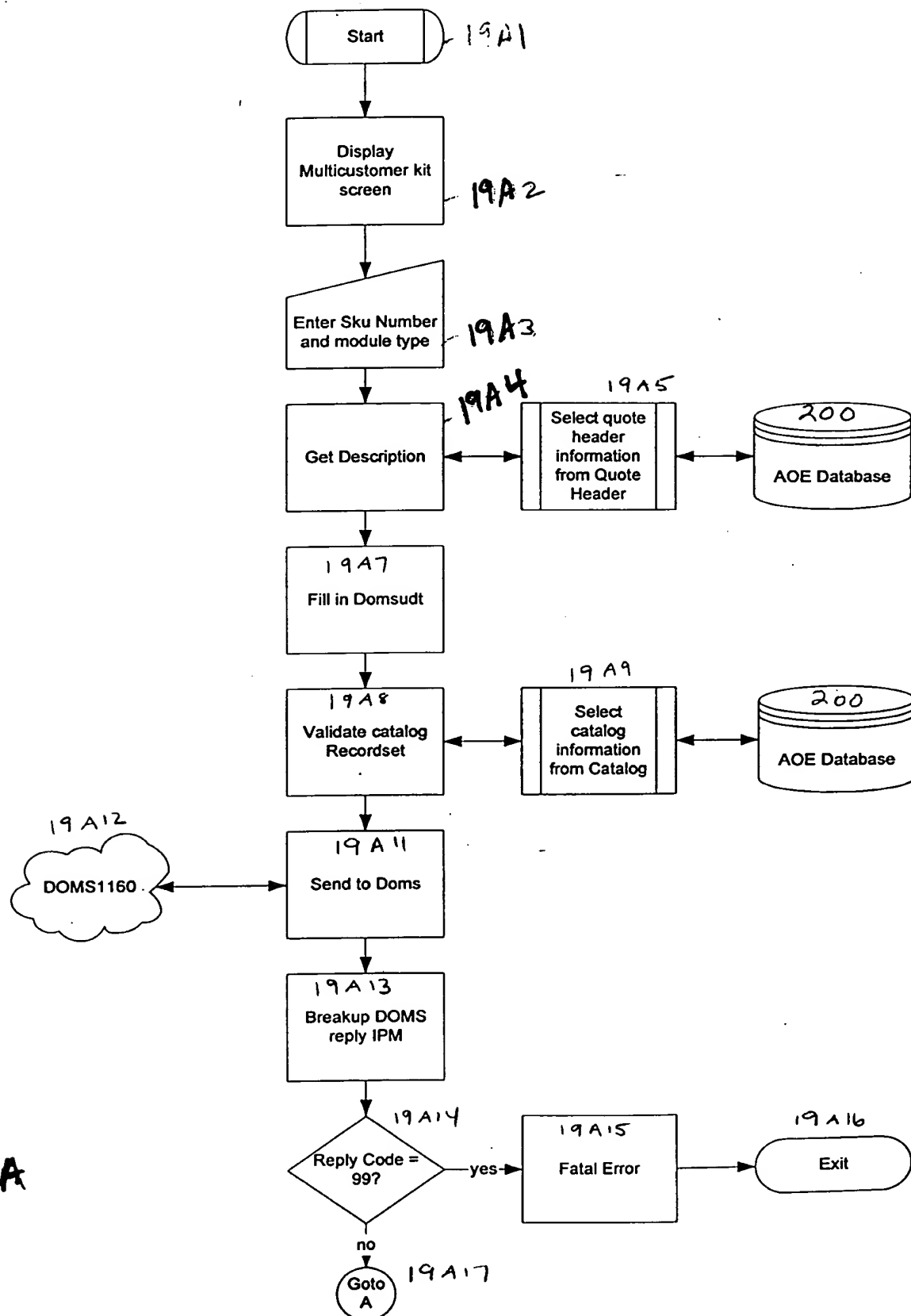


FIG 5-18



FIG 5-19A



0059342.064300

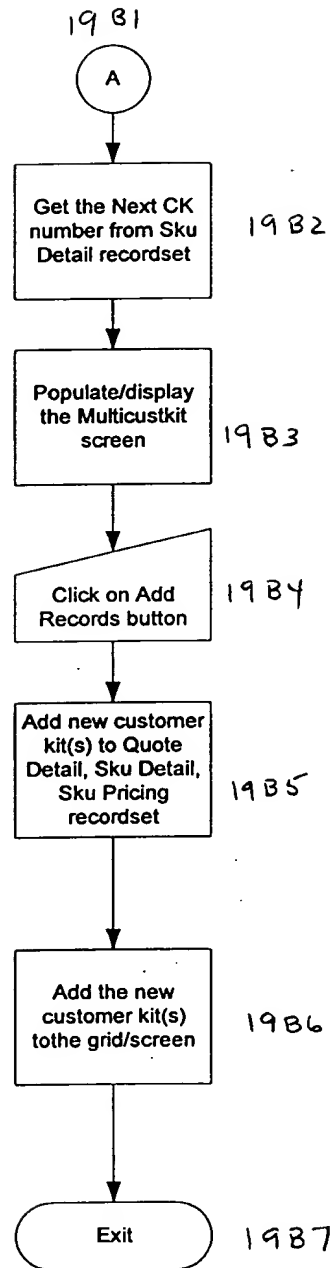


FIG 5-19B

FIG 5-21

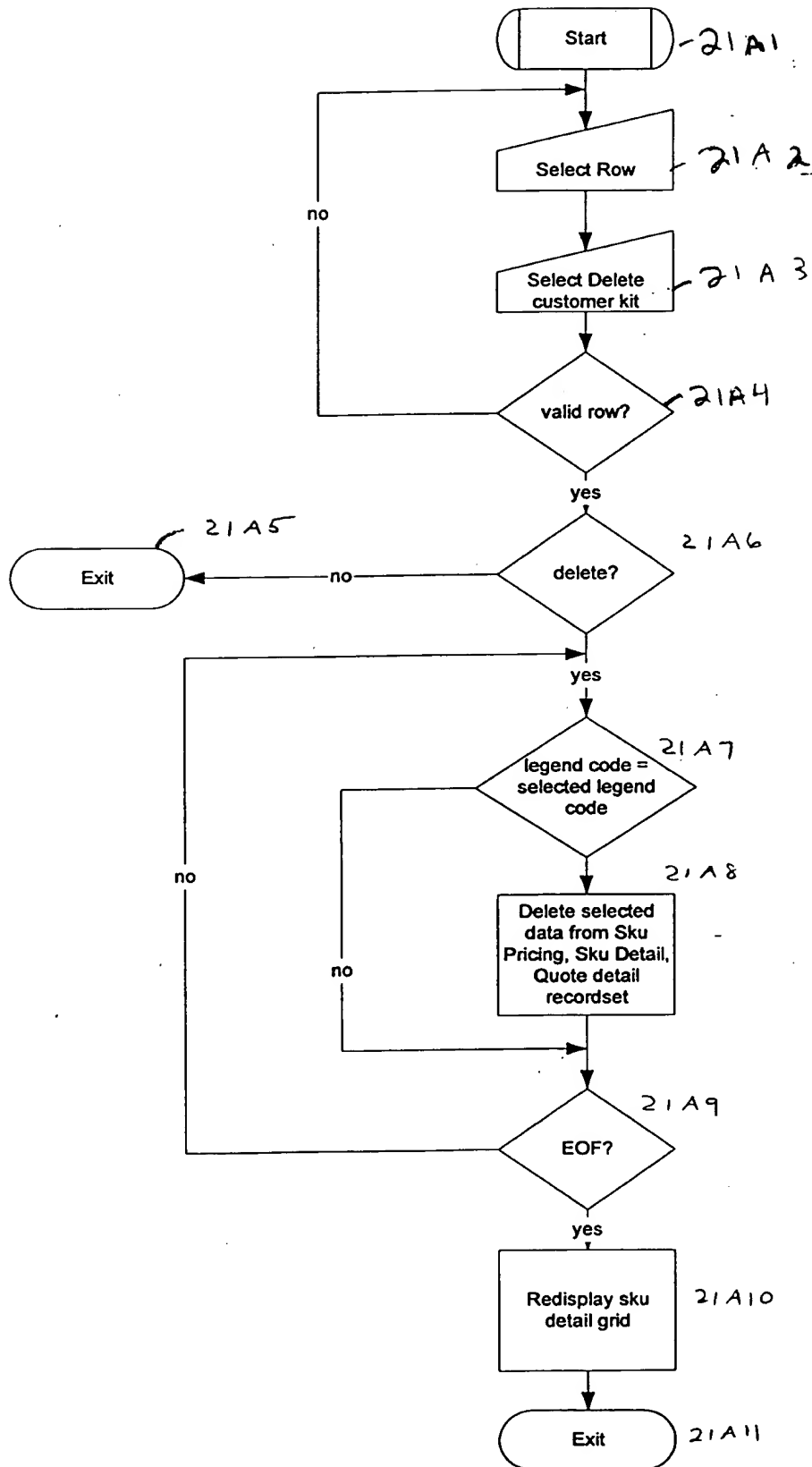
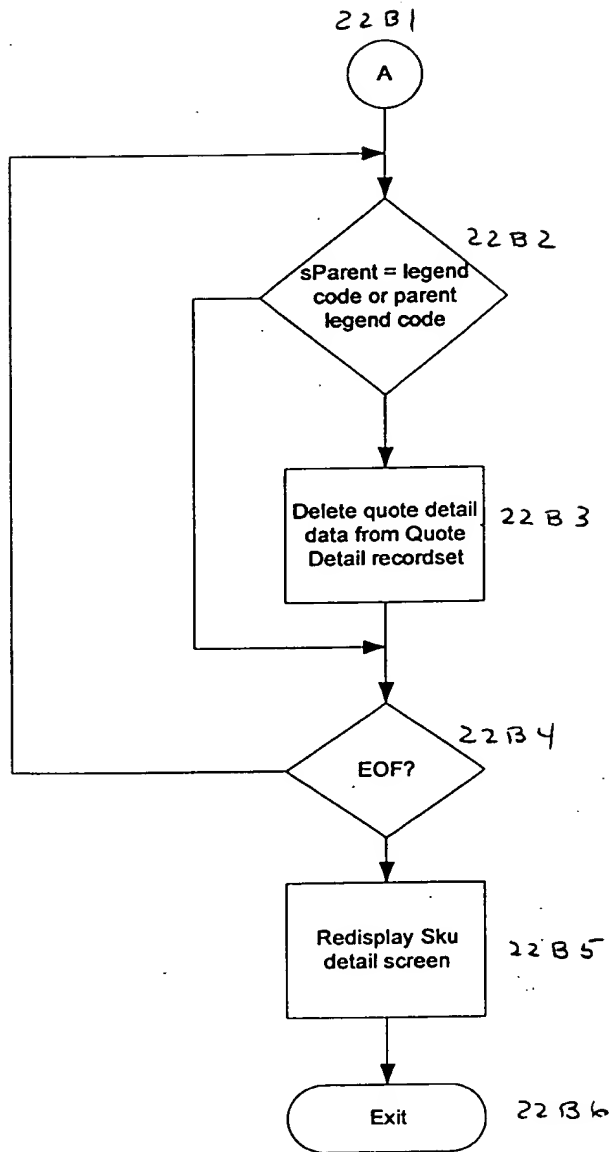


FIG.  
5-22A

FIG 5-22B



2000 1999 1998 1997 1996 1995 1994 1993 1992 1991 1990 1989 1988 1987 1986 1985 1984 1983 1982 1981 1980 1979 1978 1977 1976 1975 1974 1973 1972 1971 1970 1969 1968 1967 1966 1965 1964 1963 1962 1961 1960 1959 1958 1957 1956 1955 1954 1953 1952 1951 1950 1949 1948 1947 1946 1945 1944 1943 1942 1941 1940 1939 1938 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 1917 1916 1915 1914 1913 1912 1911 1910 1909 1908 1907 1906 1905 1904 1903 1902 1901 1900 1899 1898 1897 1896 1895 1894 1893 1892 1891 1890 1889 1888 1887 1886 1885 1884 1883 1882 1881 1880 1879 1878 1877 1876 1875 1874 1873 1872 1871 1870 1869 1868 1867 1866 1865 1864 1863 1862 1861 1860 1859 1858 1857 1856 1855 1854 1853 1852 1851 1850 1849 1848 1847 1846 1845 1844 1843 1842 1841 1840 1839 1838 1837 1836 1835 1834 1833 1832 1831 1830 1829 1828 1827 1826 1825 1824 1823 1822 1821 1820 1819 1818 1817 1816 1815 1814 1813 1812 1811 1810 1809 1808 1807 1806 1805 1804 1803 1802 1801 1800 1799 1798 1797 1796 1795 1794 1793 1792 1791 1790 1789 1788 1787 1786 1785 1784 1783 1782 1781 1780 1779 1778 1777 1776 1775 1774 1773 1772 1771 1770 1769 1768 1767 1766 1765 1764 1763 1762 1761 1760 1759 1758 1757 1756 1755 1754 1753 1752 1751 1750 1749 1748 1747 1746 1745 1744 1743 1742 1741 1740 1739 1738 1737 1736 1735 1734 1733 1732 1731 1730 1729 1728 1727 1726 1725 1724 1723 1722 1721 1720 1719 1718 1717 1716 1715 1714 1713 1712 1711 1710 1709 1708 1707 1706 1705 1704 1703 1702 1701 1700 1699 1698 1697 1696 1695 1694 1693 1692 1691 1690 1689 1688 1687 1686 1685 1684 1683 1682 1681 1680 1679 1678 1677 1676 1675 1674 1673 1672 1671 1670 1669 1668 1667 1666 1665 1664 1663 1662 1661 1660 1659 1658 1657 1656 1655 1654 1653 1652 1651 1650 1649 1648 1647 1646 1645 1644 1643 1642 1641 1640 1639 1638 1637 1636 1635 1634 1633 1632 1631 1630 1629 1628 1627 1626 1625 1624 1623 1622 1621 1620 1619 1618 1617 1616 1615 1614 1613 1612 1611 1610 1609 1608 1607 1606 1605 1604 1603 1602 1601 1600 1599 1598 1597 1596 1595 1594 1593 1592 1591 1590 1589 1588 1587 1586 1585 1584 1583 1582 1581 1580 1579 1578 1577 1576 1575 1574 1573 1572 1571 1570 1569 1568 1567 1566 1565 1564 1563 1562 1561 1560 1559 1558 1557 1556 1555 1554 1553 1552 1551 1550 1549 1548 1547 1546 1545 1544 1543 1542 1541 1540 1539 1538 1537 1536 1535 1534 1533 1532 1531 1530 1529 1528 1527 1526 1525 1524 1523 1522 1521 1520 1519 1518 1517 1516 1515 1514 1513 1512 1511 1510 1509 1508 1507 1506 1505 1504 1503 1502 1501 1500 1499 1498 1497 1496 1495 1494 1493 1492 1491 1490 1489 1488 1487 1486 1485 1484 1483 1482 1481 1480 1479 1478 1477 1476 1475 1474 1473 1472 1471 1470 1469 1468 1467 1466 1465 1464 1463 1462 1461 1460 1459 1458 1457 1456 1455 1454 1453 1452 1451 1450 1449 1448 1447 1446 1445 1444 1443 1442 1441 1440 1439 1438 1437 1436 1435 1434 1433 1432 1431 1430 1429 1428 1427 1426 1425 1424 1423 1422 1421 1420 1419 1418 1417 1416 1415 1414 1413 1412 1411 1410 1409 1408 1407 1406 1405 1404 1403 1402 1401 1400 1399 1398 1397 1396 1395 1394 1393 1392 1391 1390 1389 1388 1387 1386 1385 1384 1383 1382 1381 1380 1379 1378 1377 1376 1375 1374 1373 1372 1371 1370 1369 1368 1367 1366 1365 1364 1363 1362 1361 1360 1359 1358 1357 1356 1355 1354 1353 1352 1351 1350 1349 1348 1347 1346 1345 1344 1343 1342 1341 1340 1339 1338 1337 1336 1335 1334 1333 1332 1331 1330 1329 1328 1327 1326 1325 1324 1323 1322 1321 1320 1319 1318 1317 1316 1315 1314 1313 1312 1311 1310 1309 1308 1307 1306 1305 1304 1303 1302 1301 1300 1299 1298 1297 1296 1295 1294 1293 1292 1291 1290 1289 1288 1287 1286 1285 1284 1283 1282 1281 1280 1279 1278 1277 1276 1275 1274 1273 1272 1271 1270 1269 1268 1267 1266 1265 1264 1263 1262 1261 1260 1259 1258 1257 1256 1255 1254 1253 1252 1251 1250 1249 1248 1247 1246 1245 1244 1243 1242 1241 1240 1239 1238 1237 1236 1235 1234 1233 1232 1231 1230 1229 1228 1227 1226 1225 1224 1223 1222 1221 1220 1219 1218 1217 1216 1215 1214 1213 1212 1211 1210 1209 1208 1207 1206 1205 1204 1203 1202 1201 1200 1199 1198 1197 1196 1195 1194 1193 1192 1191 1190 1189 1188 1187 1186 1185 1184 1183 1182

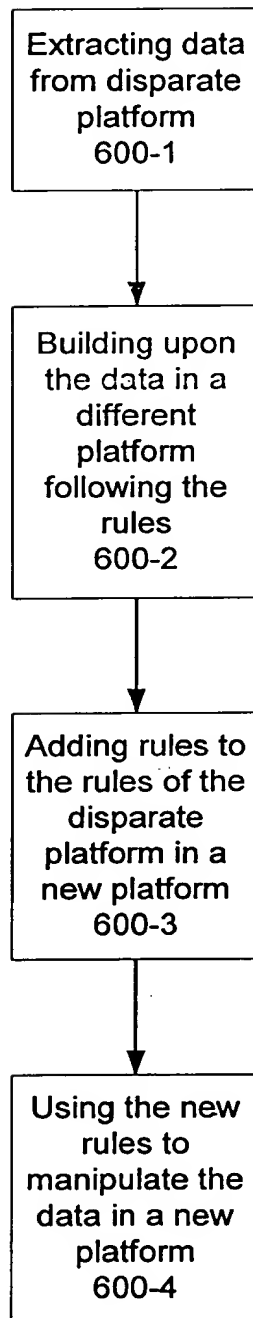


Fig. 6

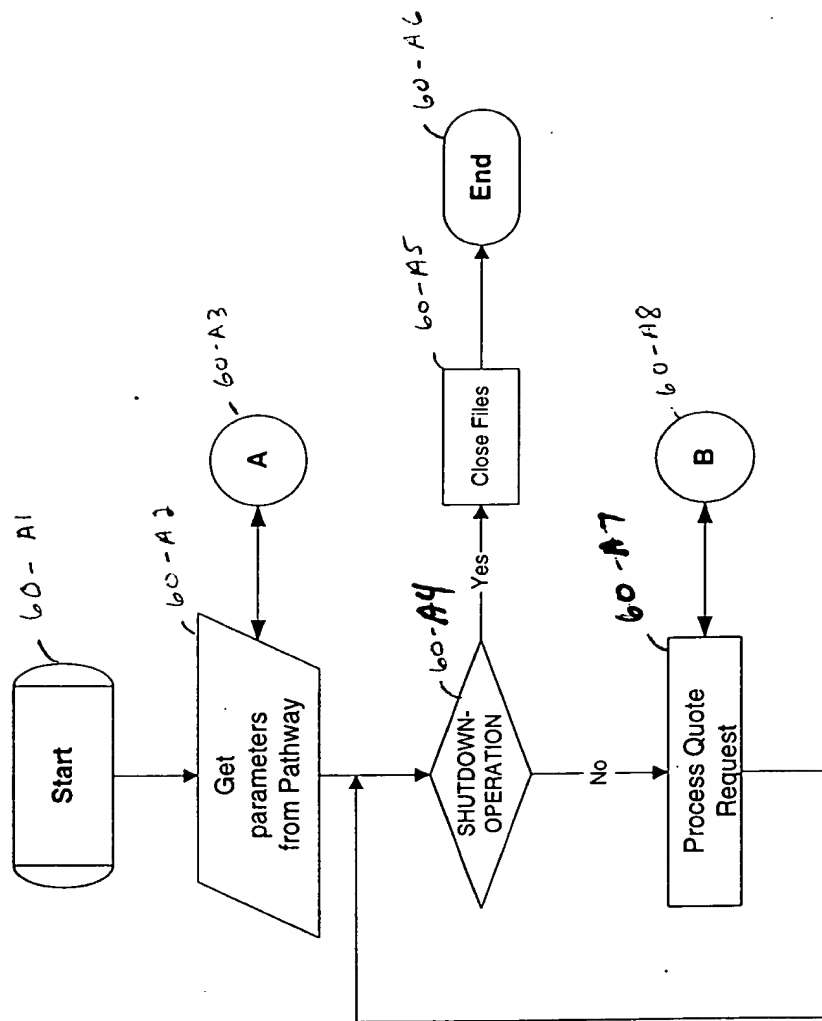


FIG 6A

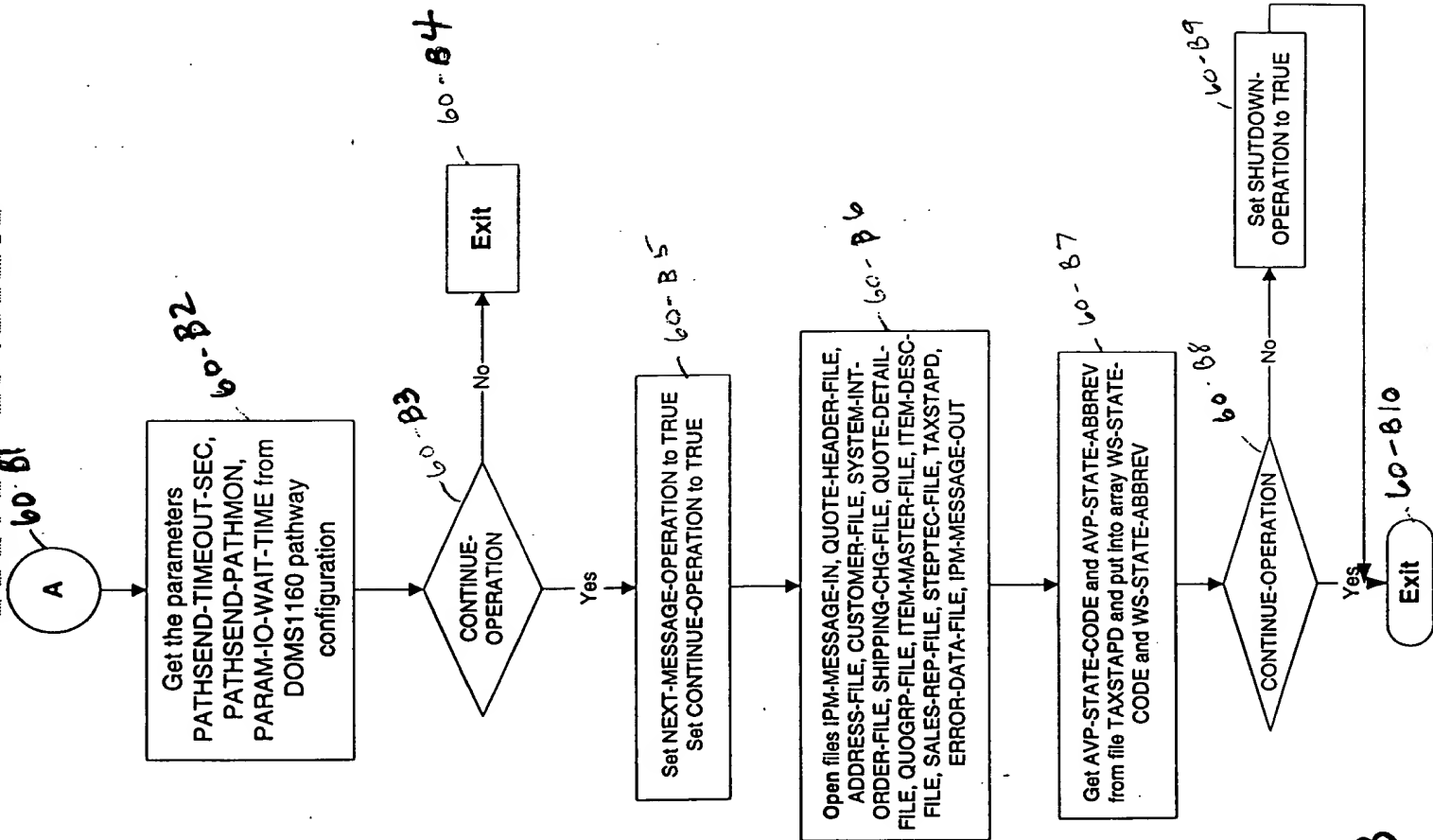
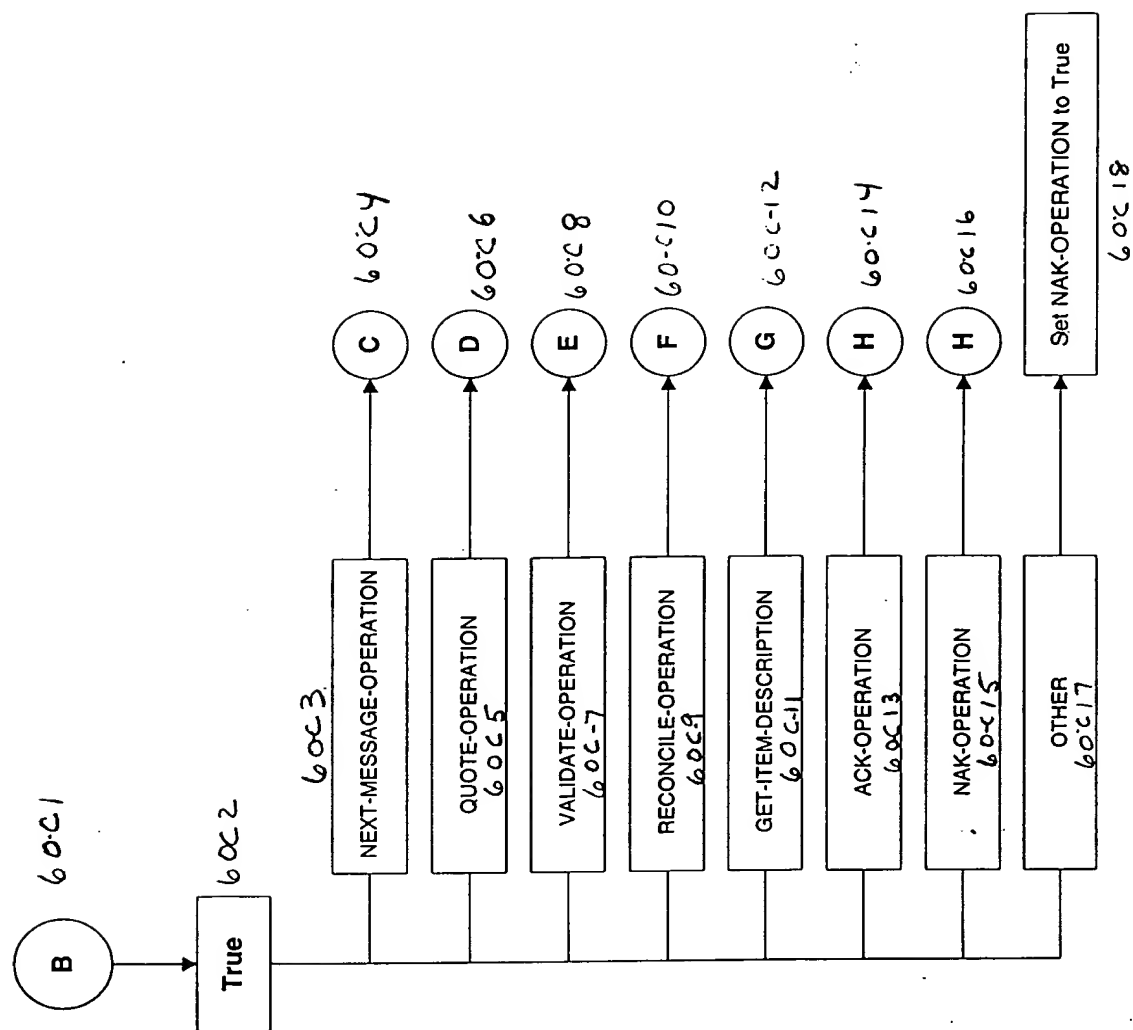


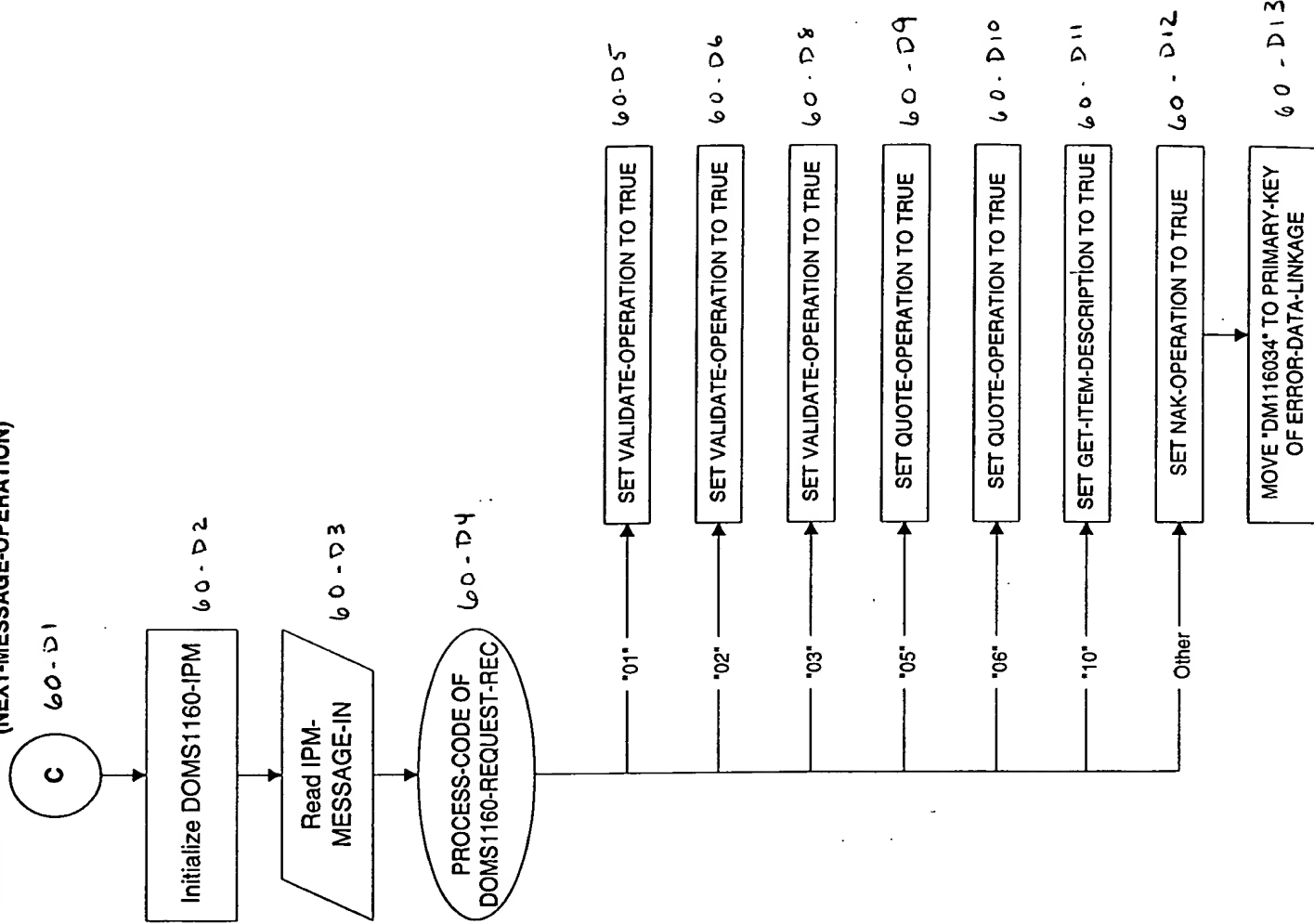
FIG 6B



U  
9.  
b  
E



# DM1160 (NEXT-MESSAGE OPERATION)



Process code values are:

- \* 01 = Retrieve a bundled quote (no options)
- \* 02 = Retrieve a custom quote (all options are included)
- \* 03 = Validate quote skus (only returns a changed/unchanged reply message, not any quote data)
- \* 04 = Reserved for future use
- \* 05 = Retrieve a bundled quote from the module # & detail seq. # indicated
- \* 06 = Retrieve a custom quote from the module # & detail seq. # indicated
- \* 10 = Get item description from item-master file.

60-D14

FIG. 6D

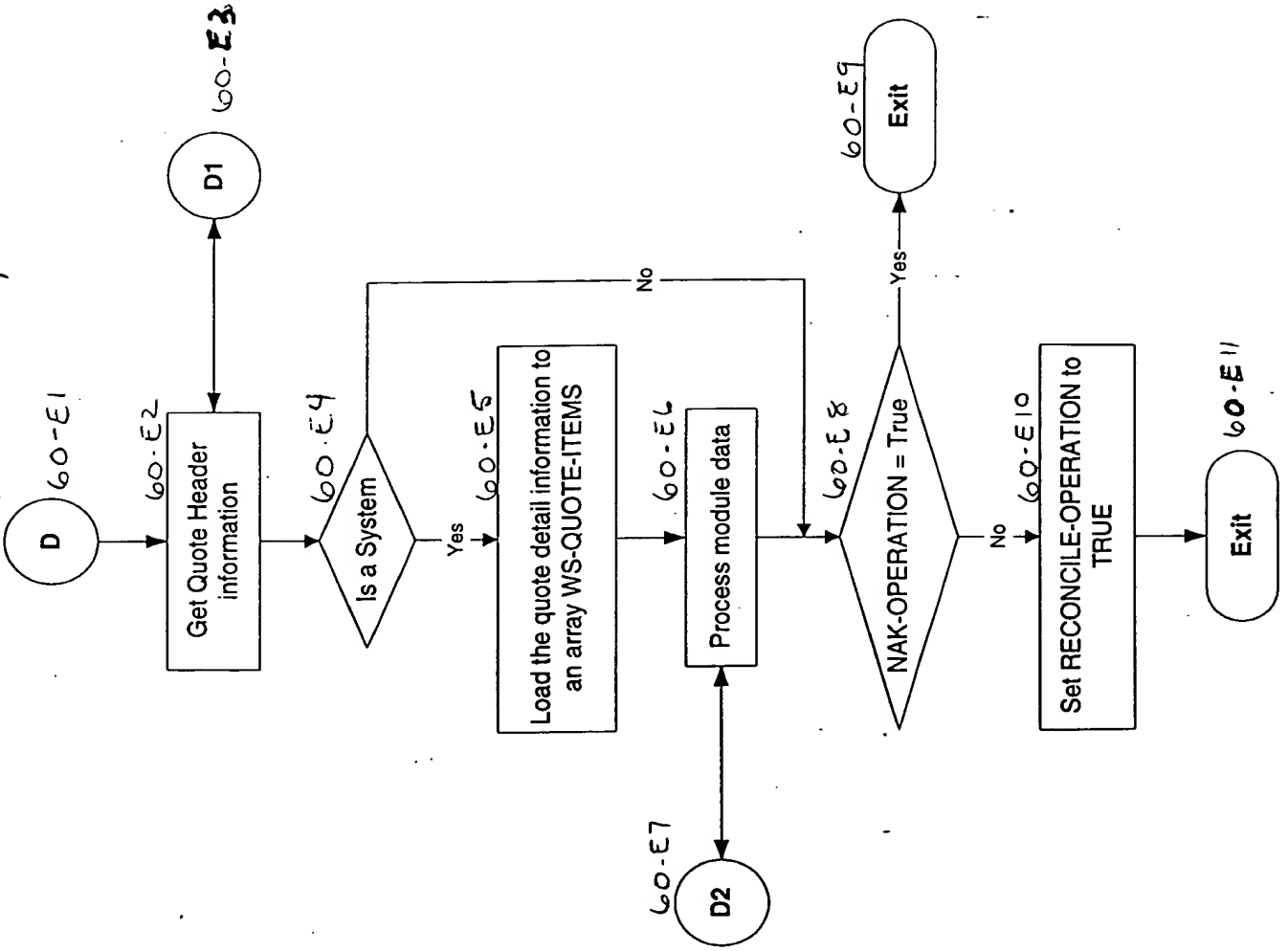
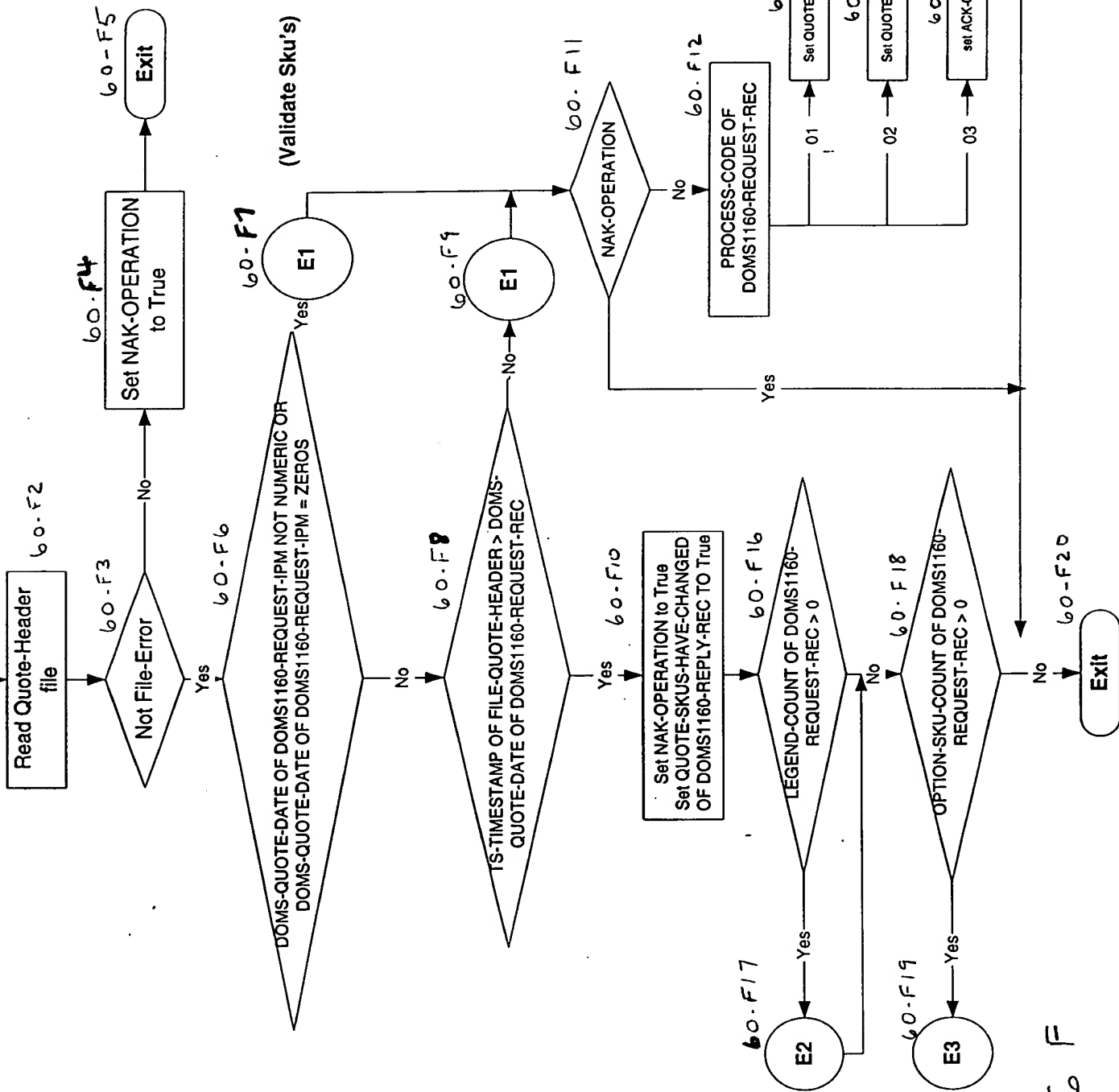


FIG 6E



60-61 60-62 60-63 60-64 60-65 60-66 60-67 60-68 60-69 60-70 60-71 60-72 60-73 60-74 60-75 60-76 60-77 60-78 60-79 60-80 60-81 60-82 60-83 60-84 60-85 60-86 60-87 60-88 60-89 60-90 60-91 60-92 60-93 60-94 60-95 60-96 60-97 60-98 60-99 60-100

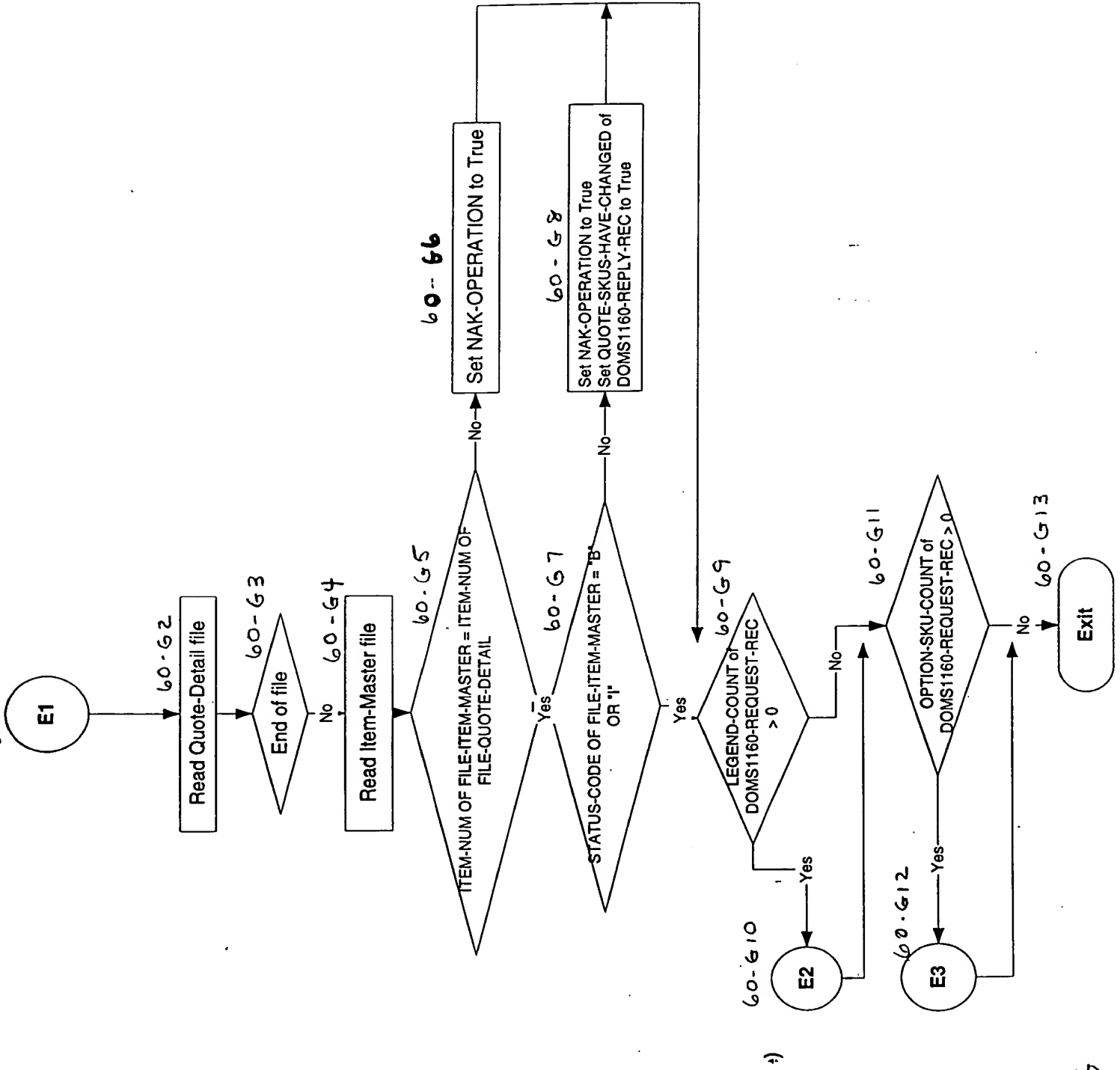


FIG-66

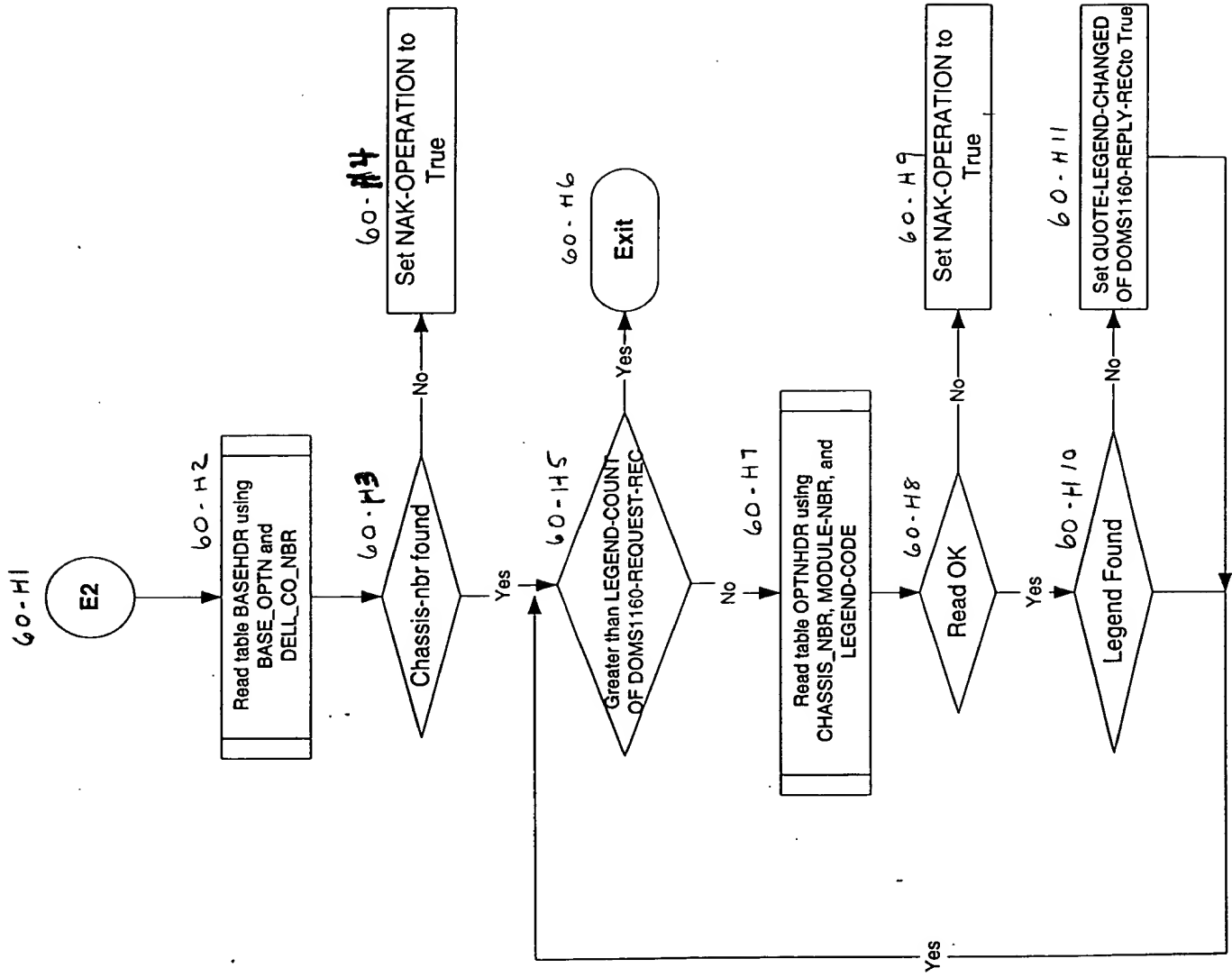


FIG. 6H

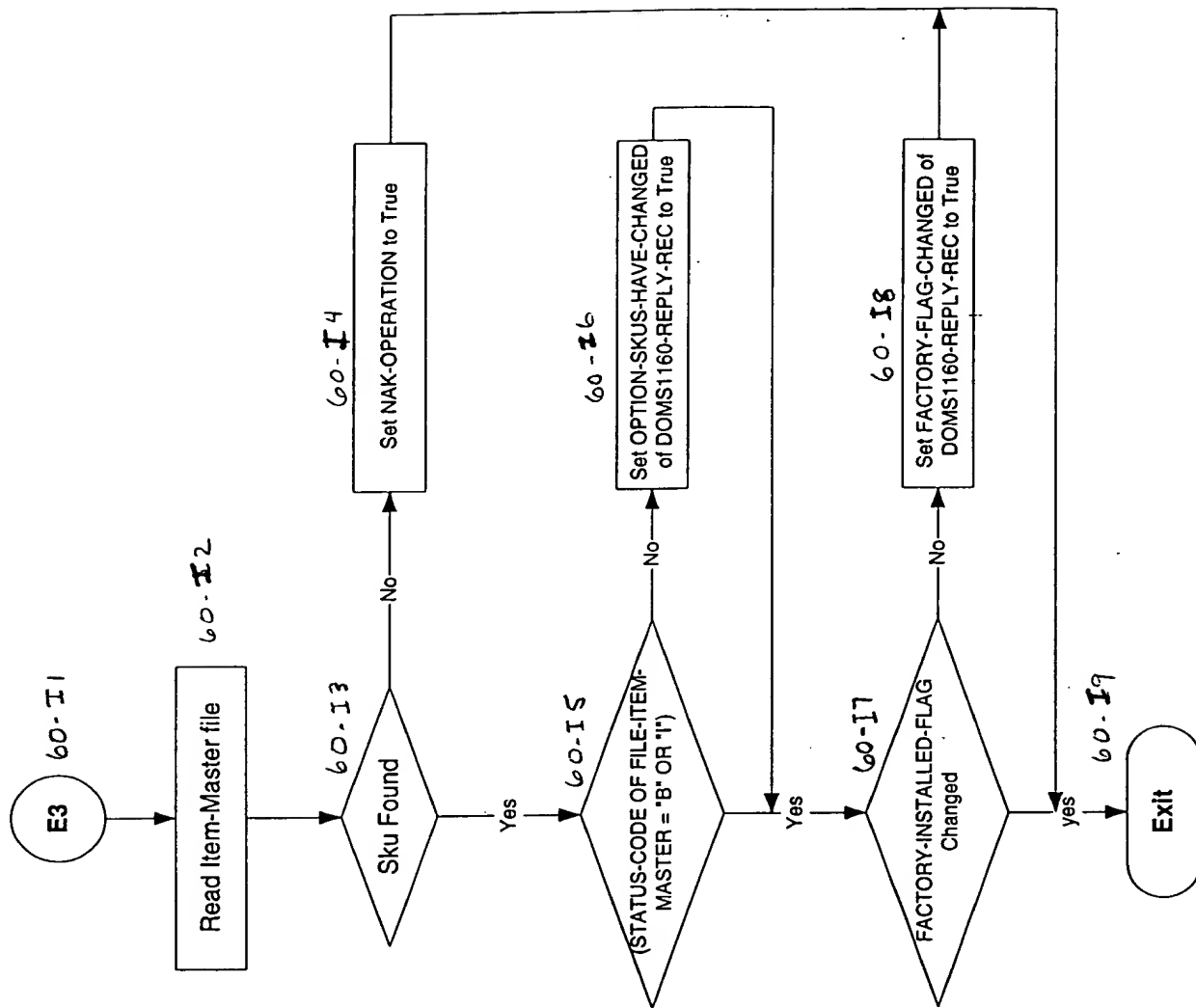


FIG 6I

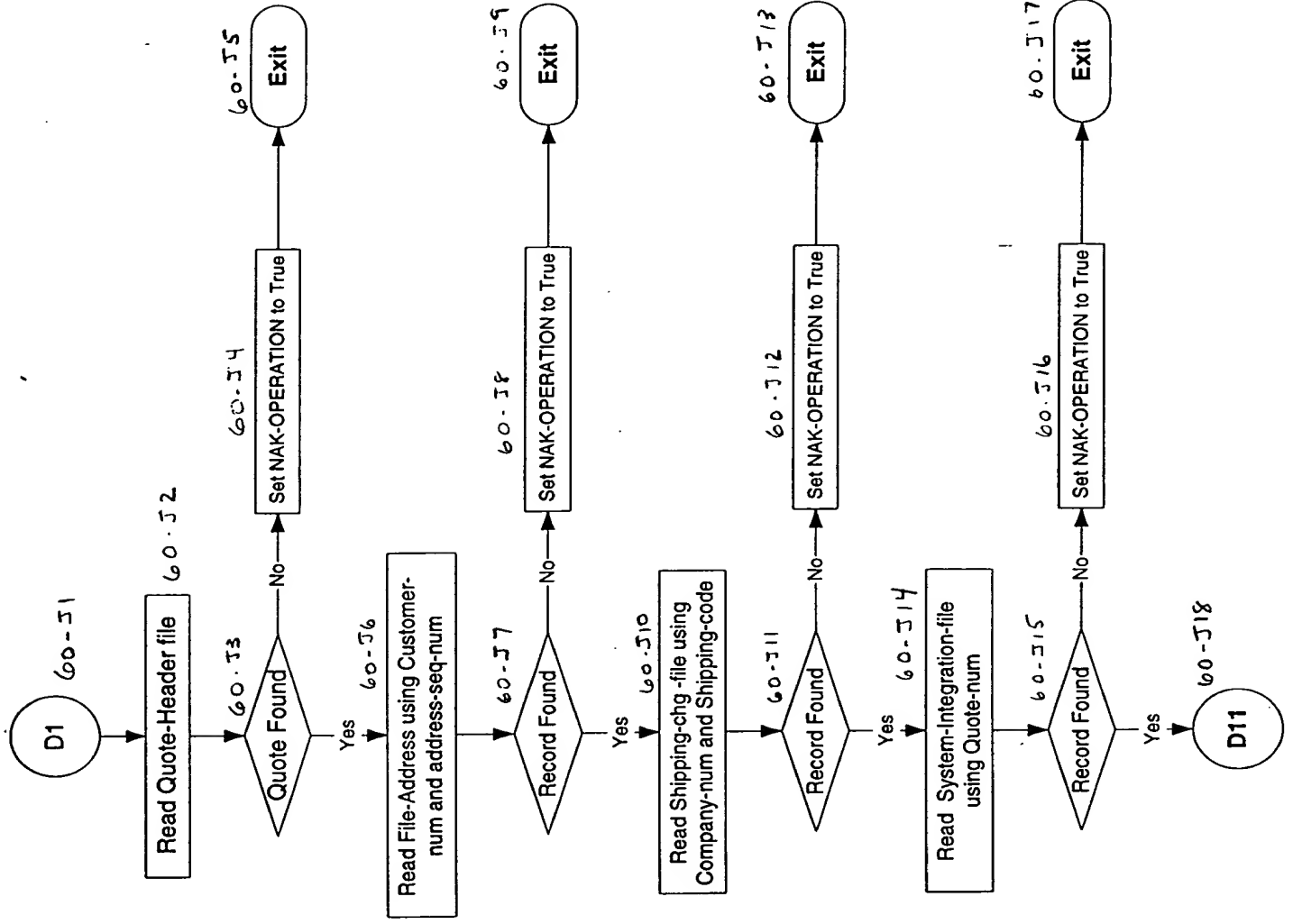


FIG 6J



60-K1

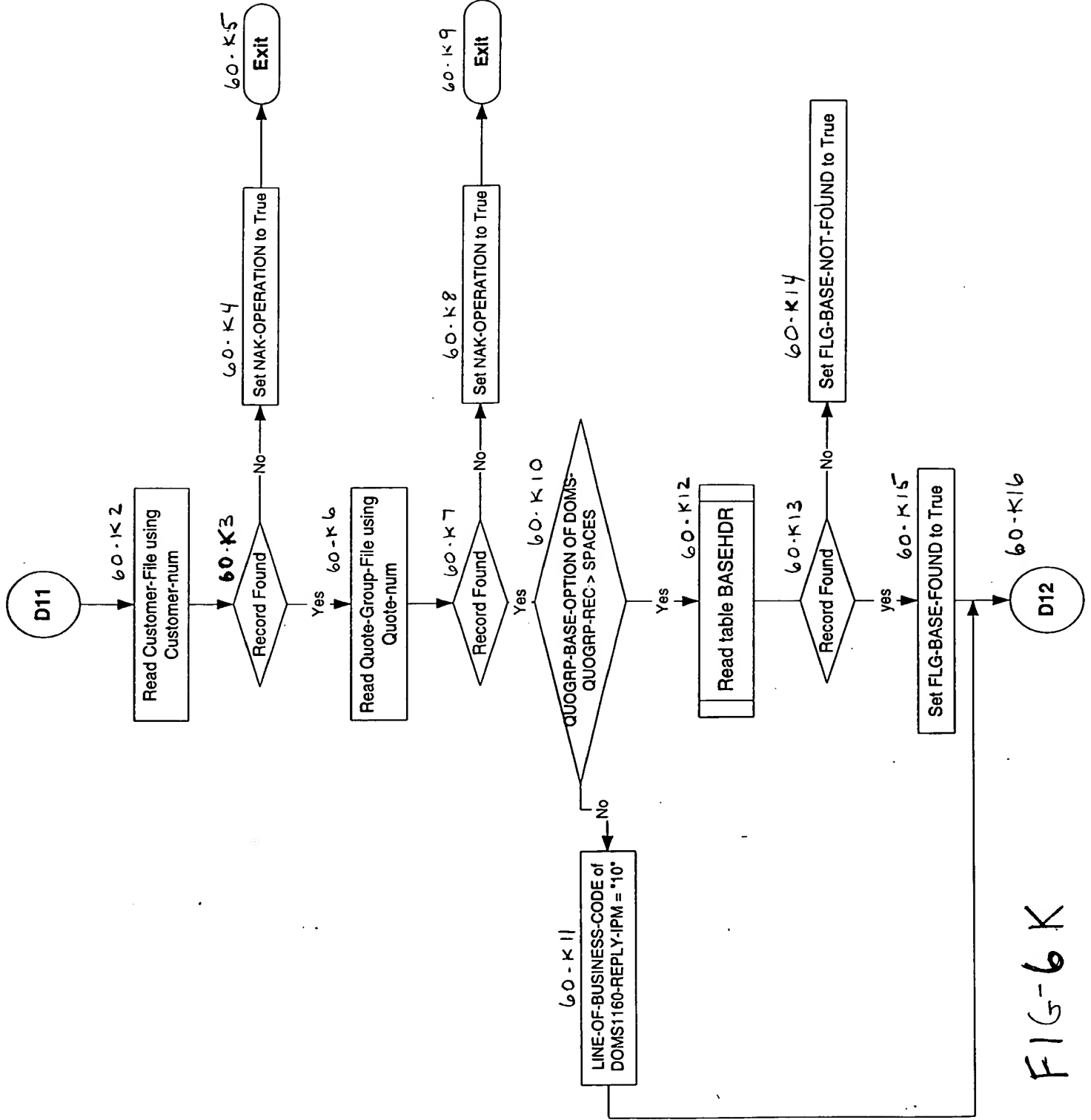
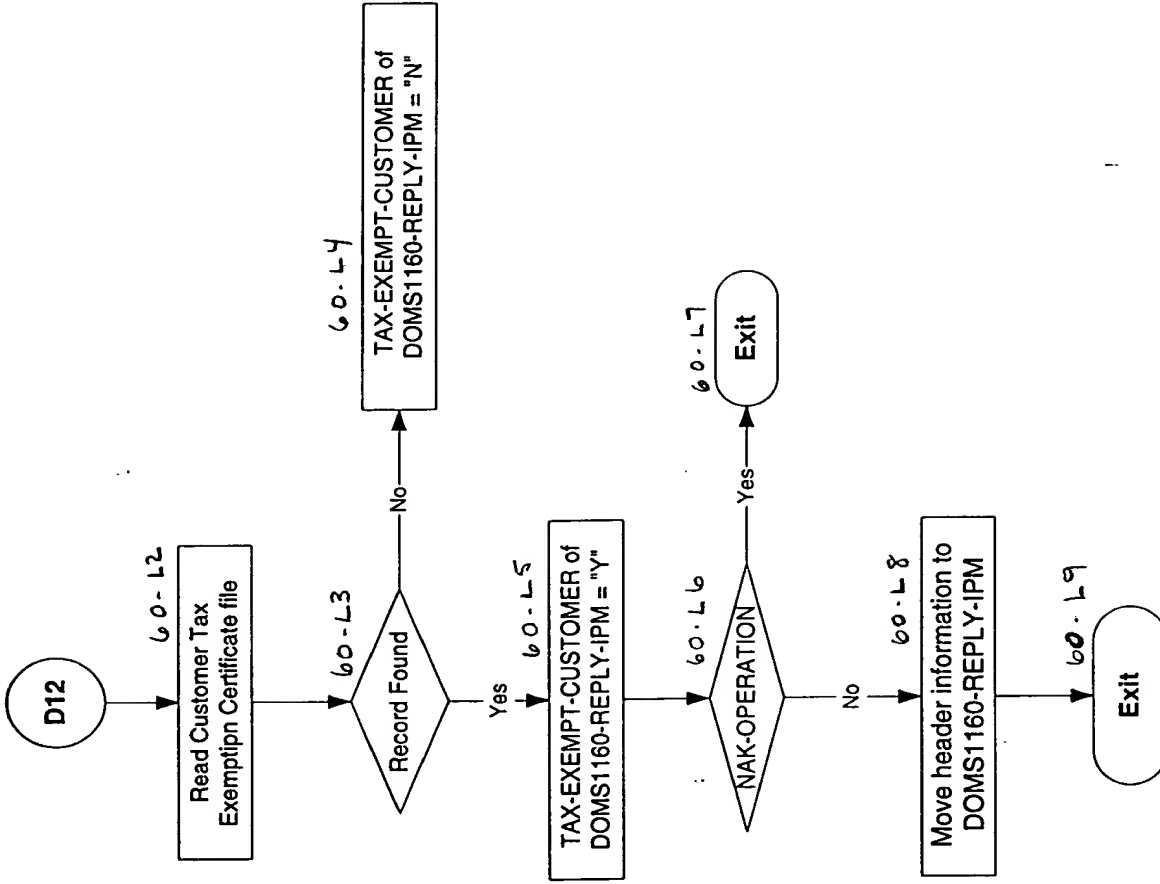


FIG-6K



60 M30 at 160500

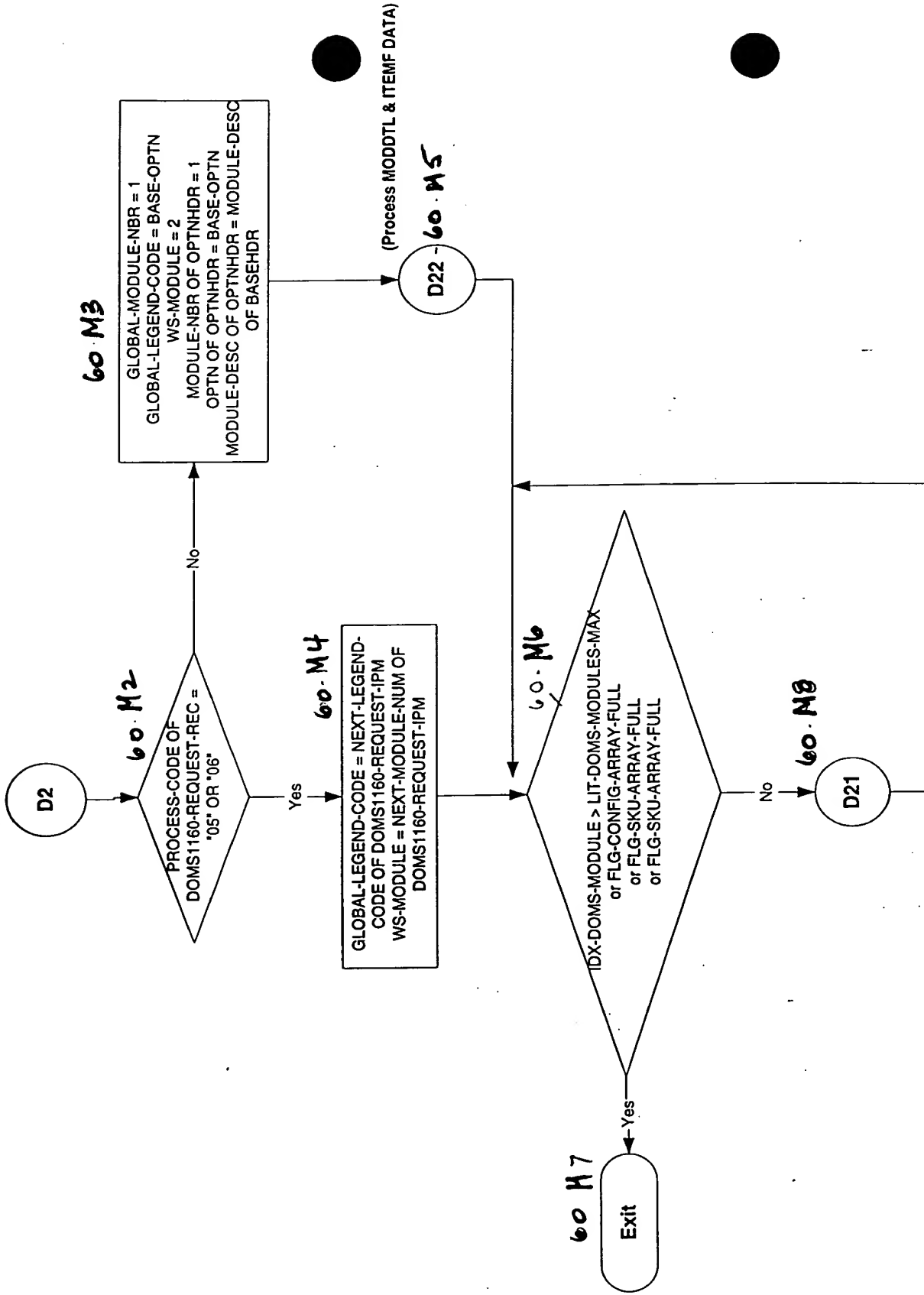


FIG. 6M

**(Quote Detail Information - Con't)**

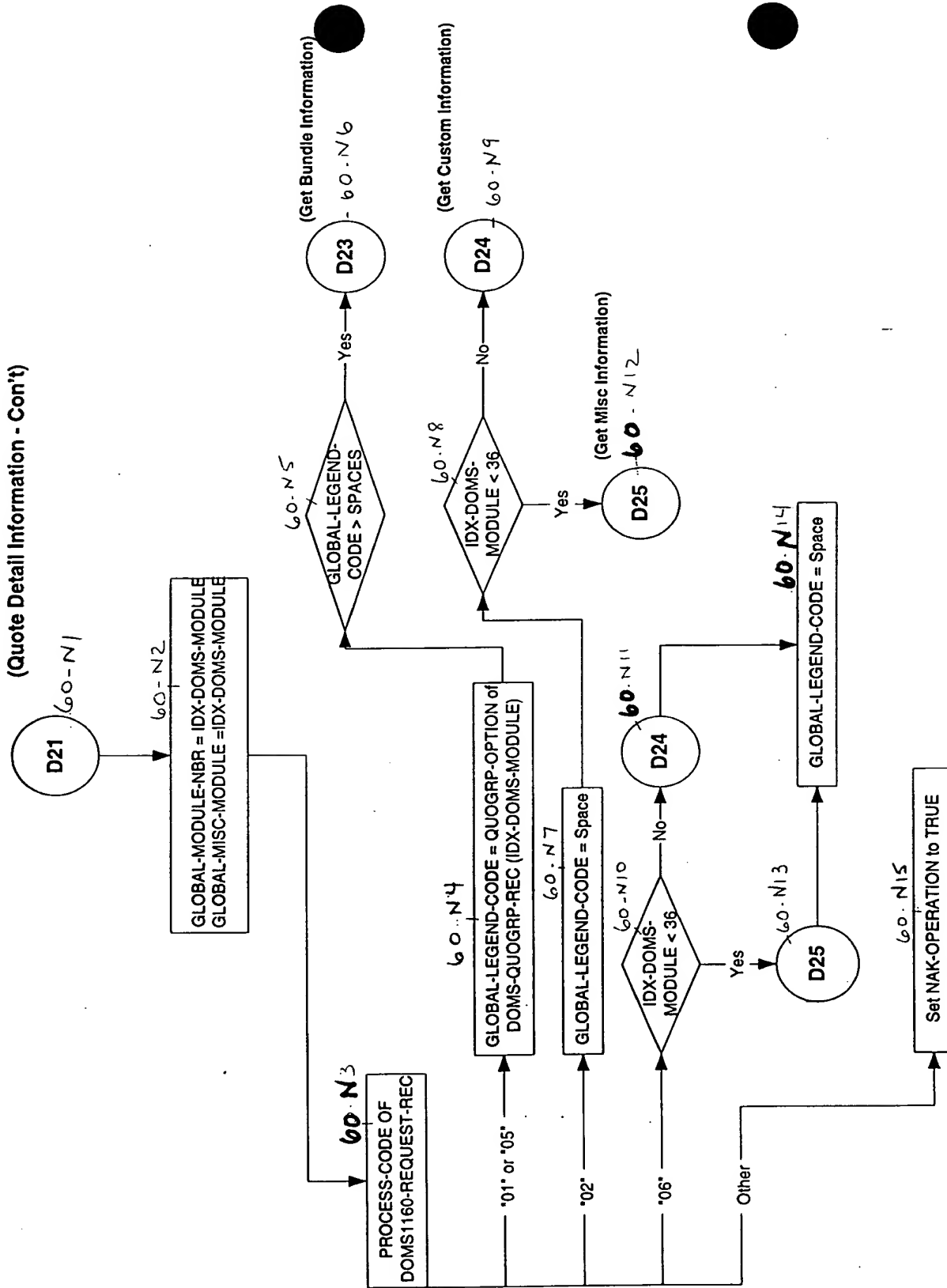


FIG-6N

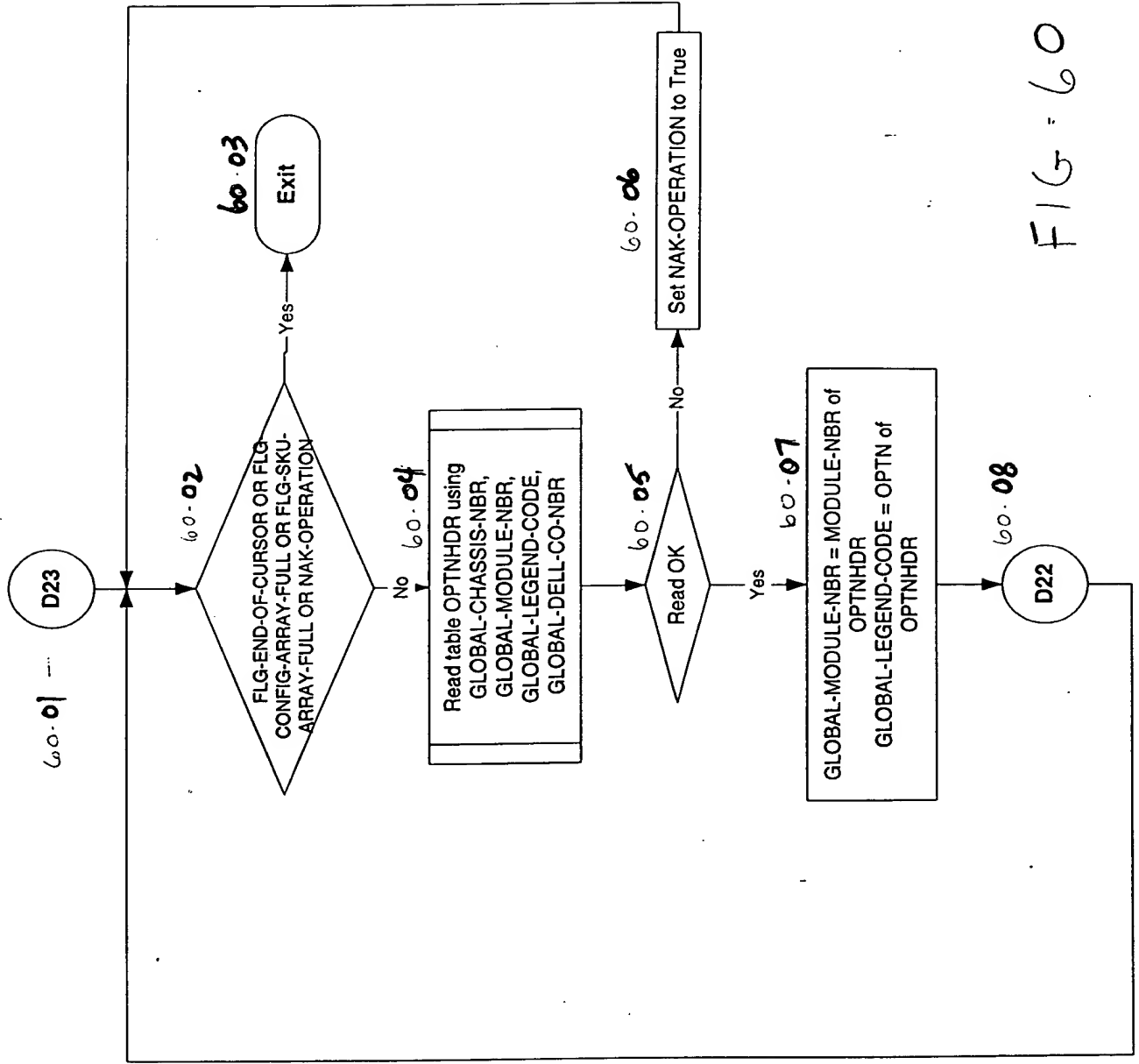


FIG. 60

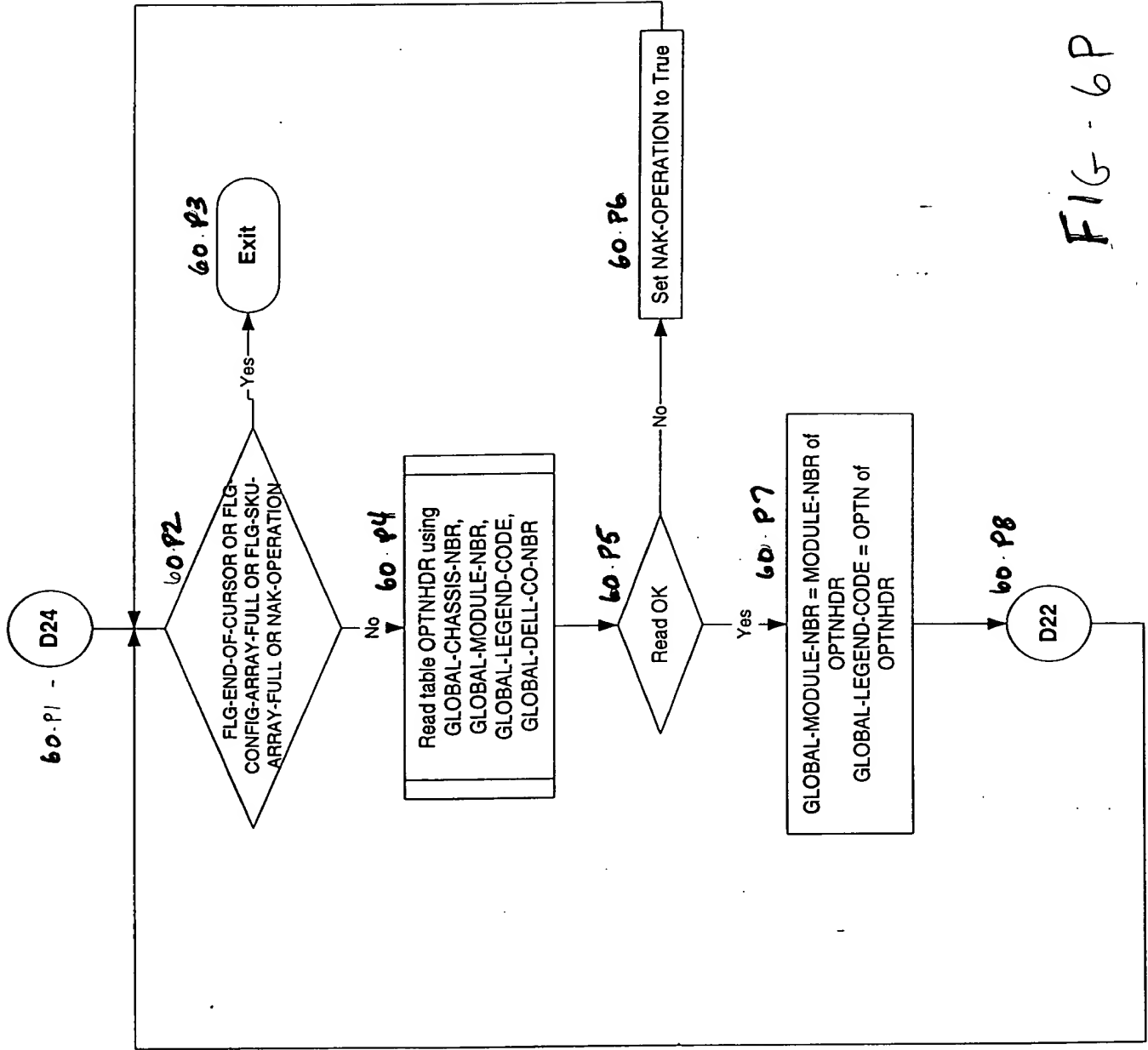


FIG-6P

60.71

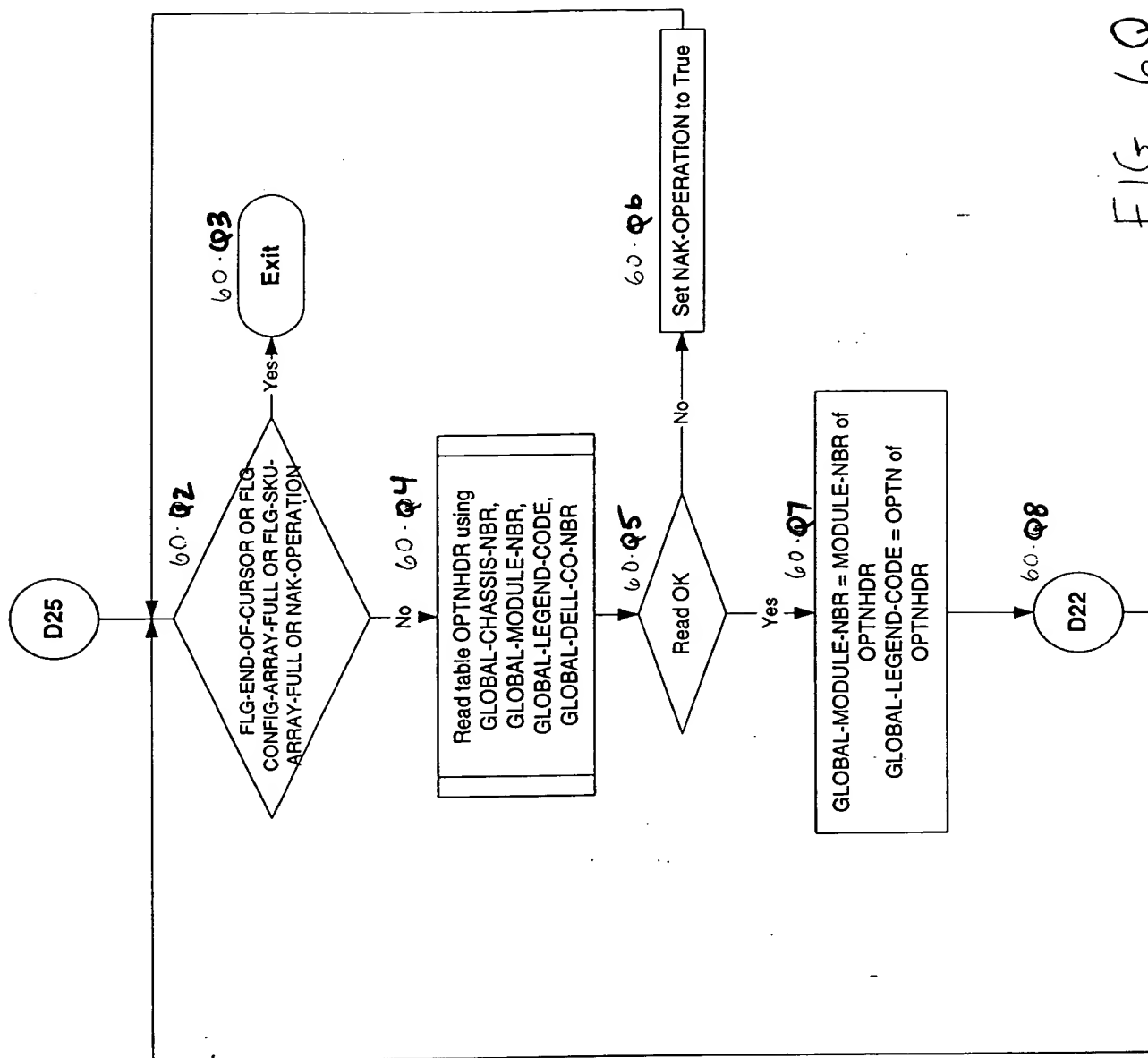
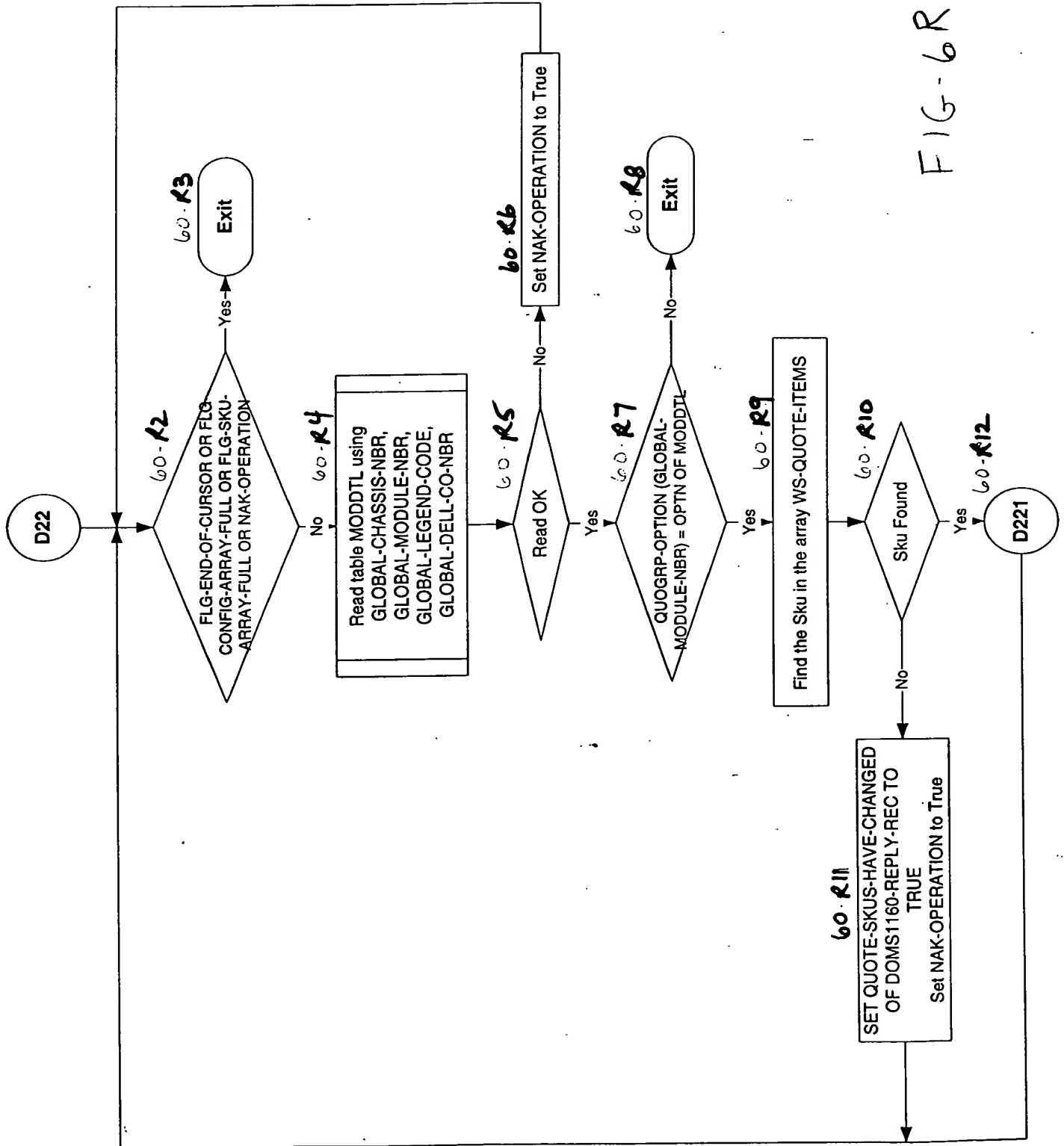


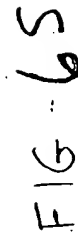
FIG. 6Q

60.21





15-09



59  
F/G

10.07



F16 6T

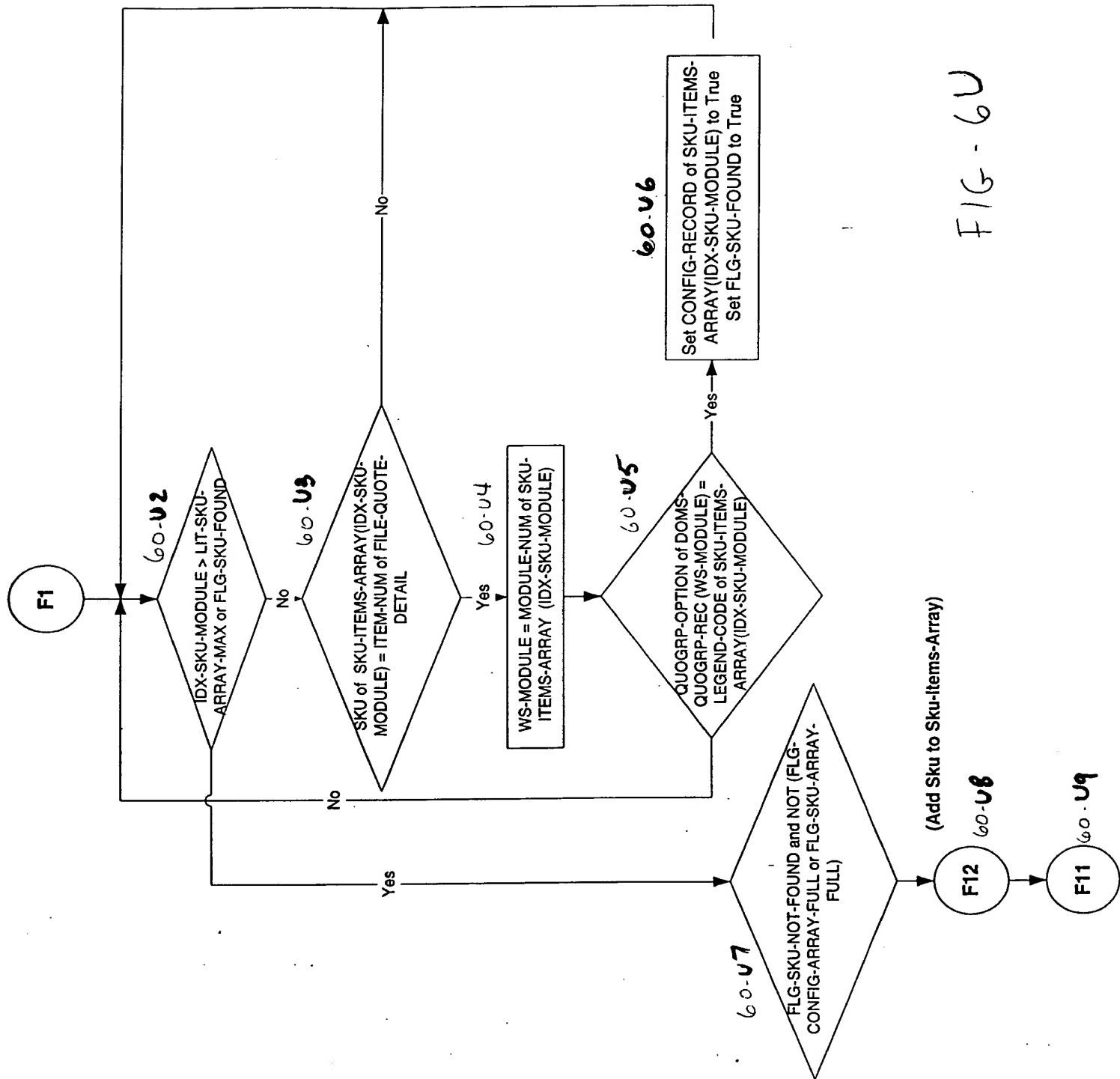
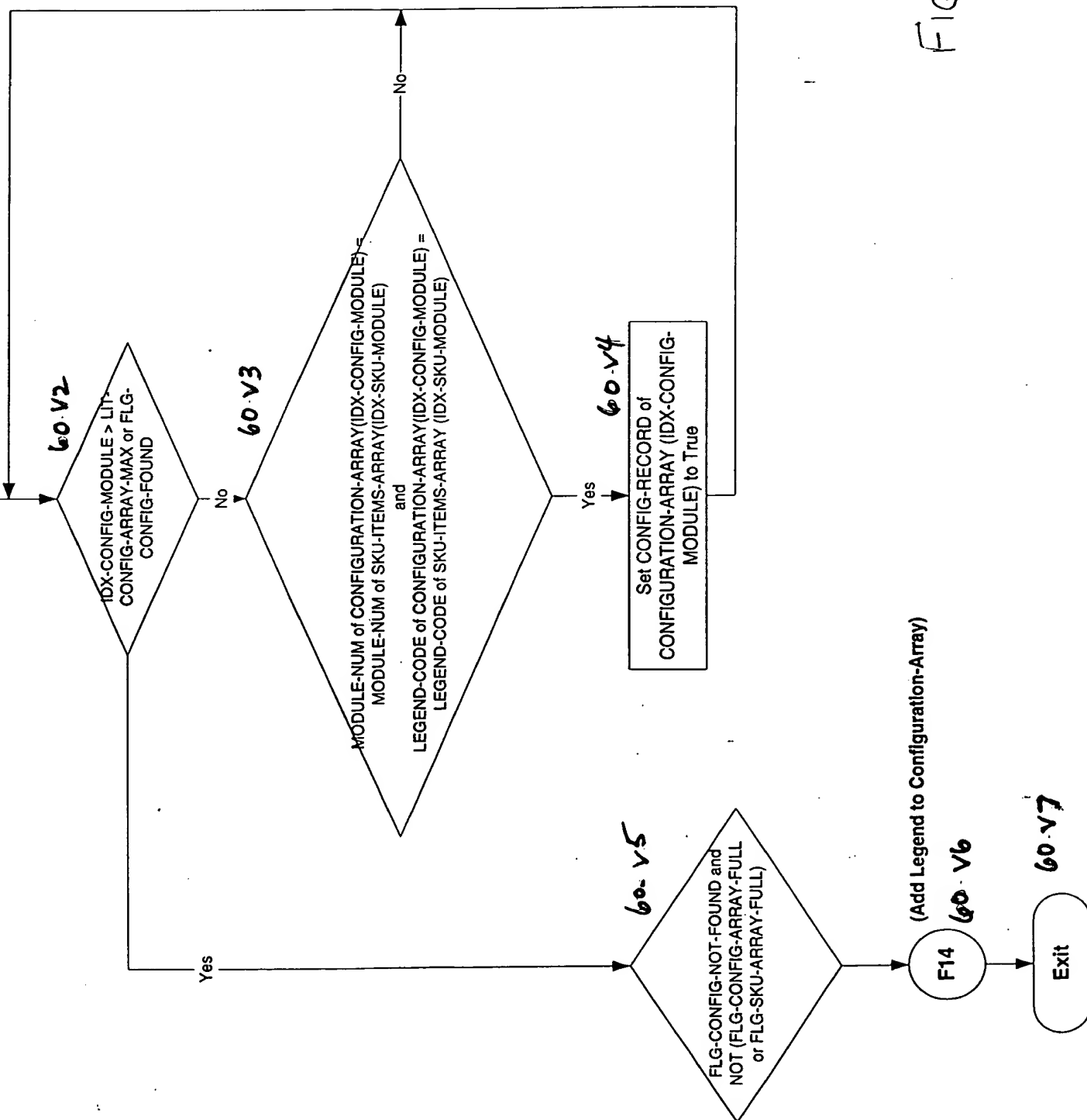


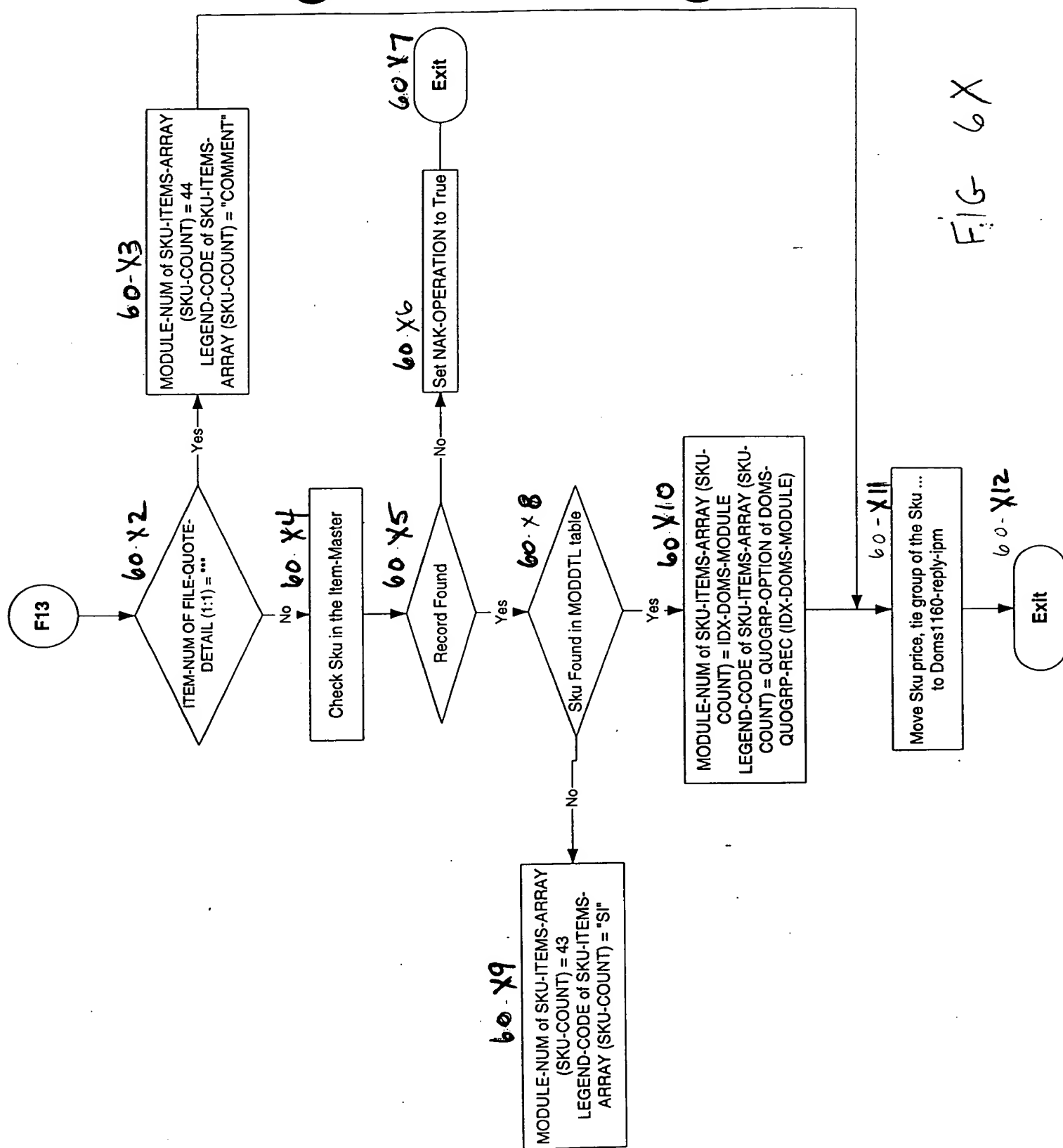
FIG-60

60-61





460



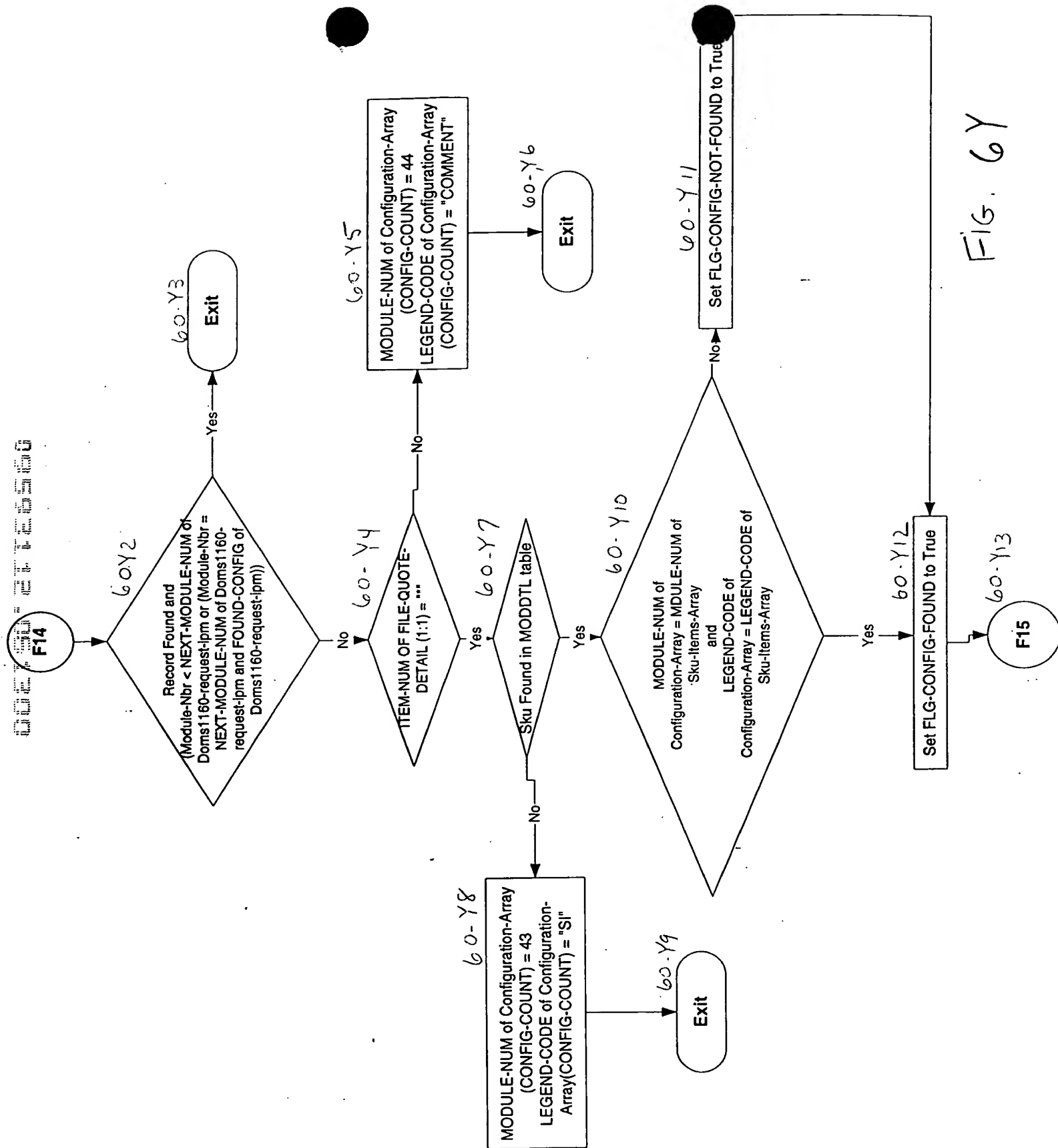
[illegible]

Fig. 6Y

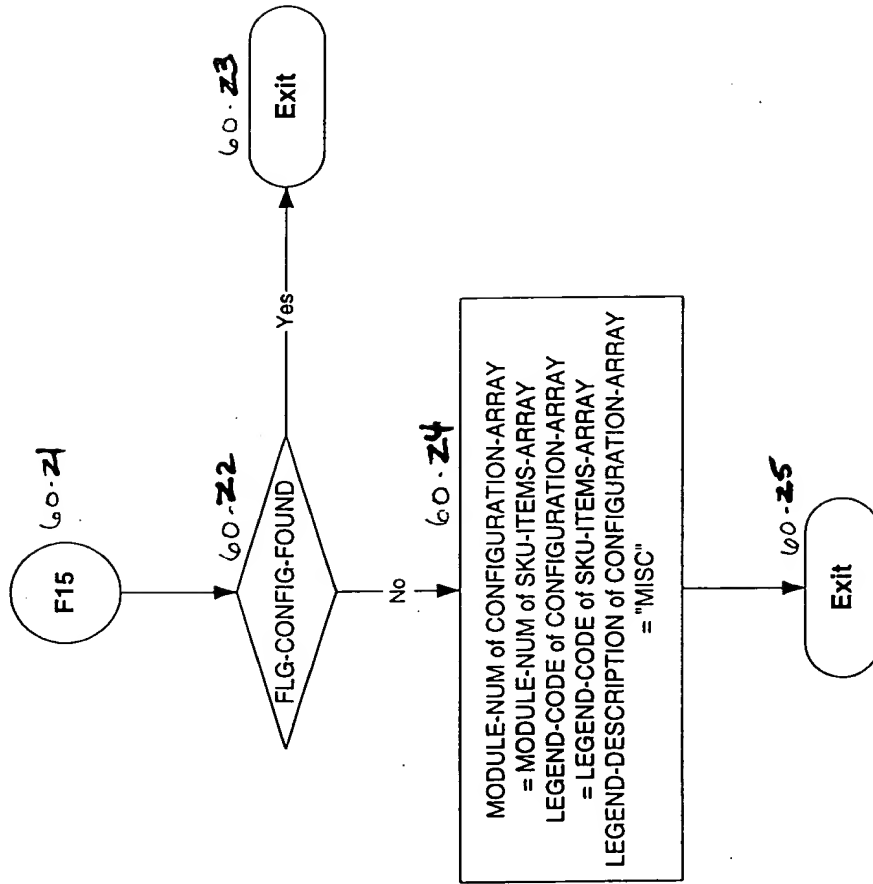


FIG. 6Z



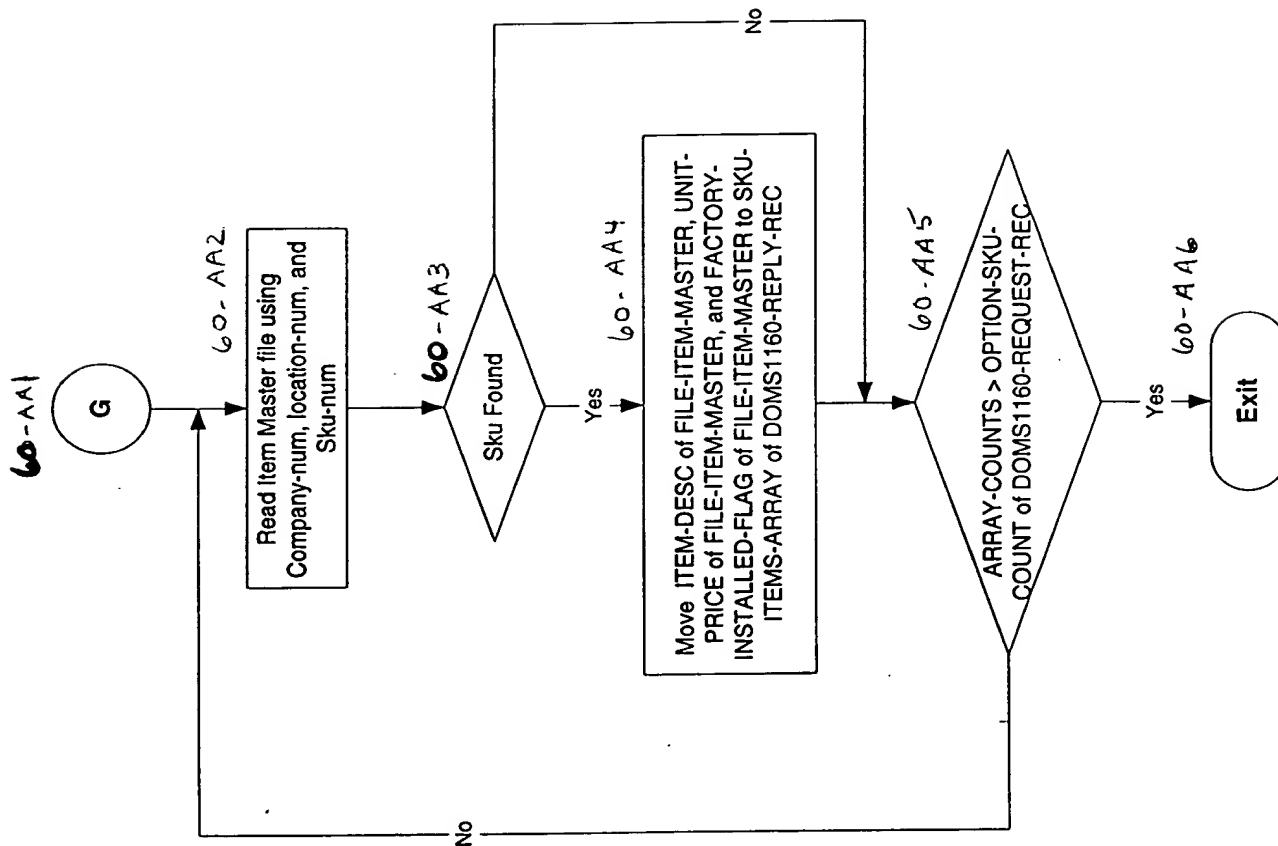


FIG. 6AA

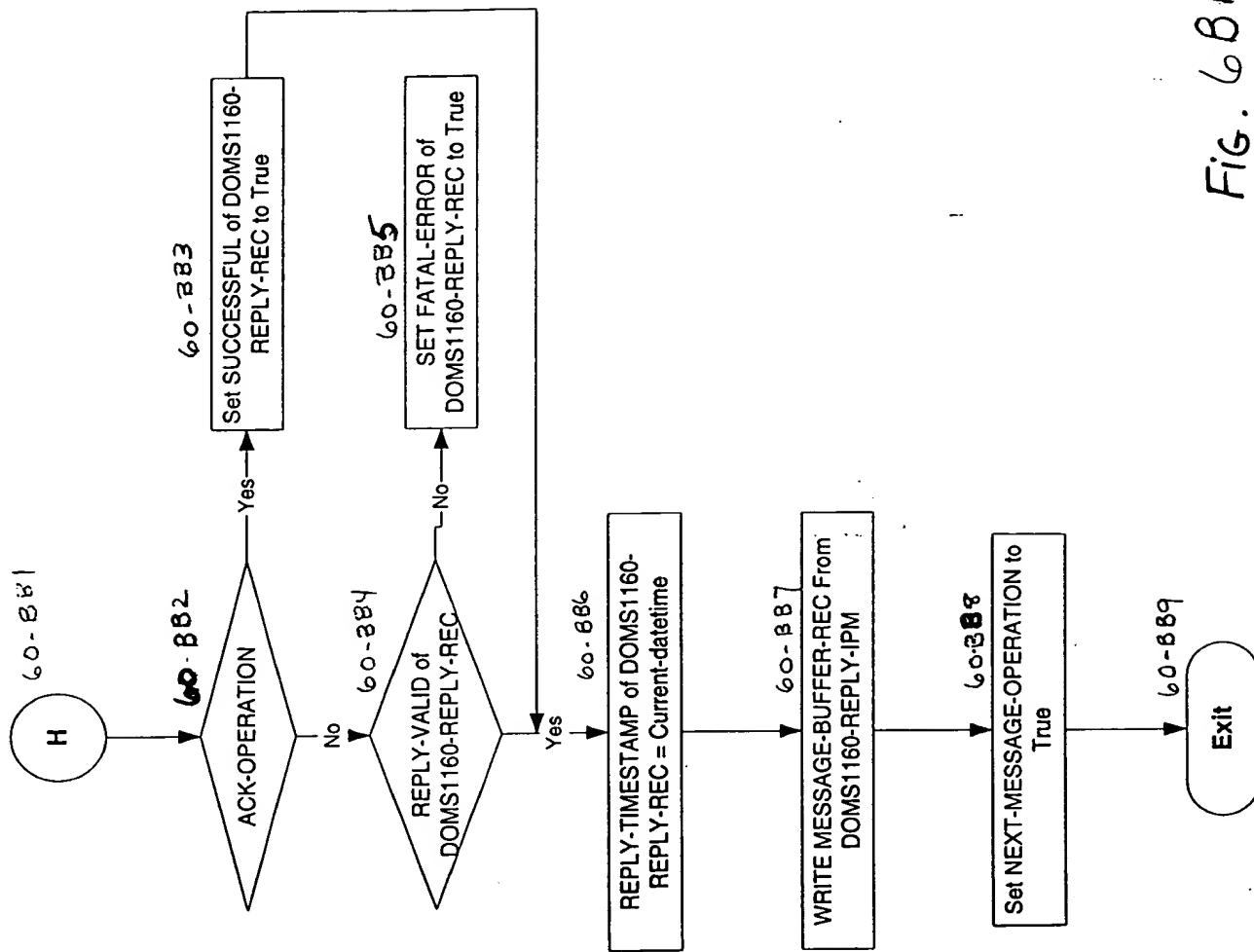
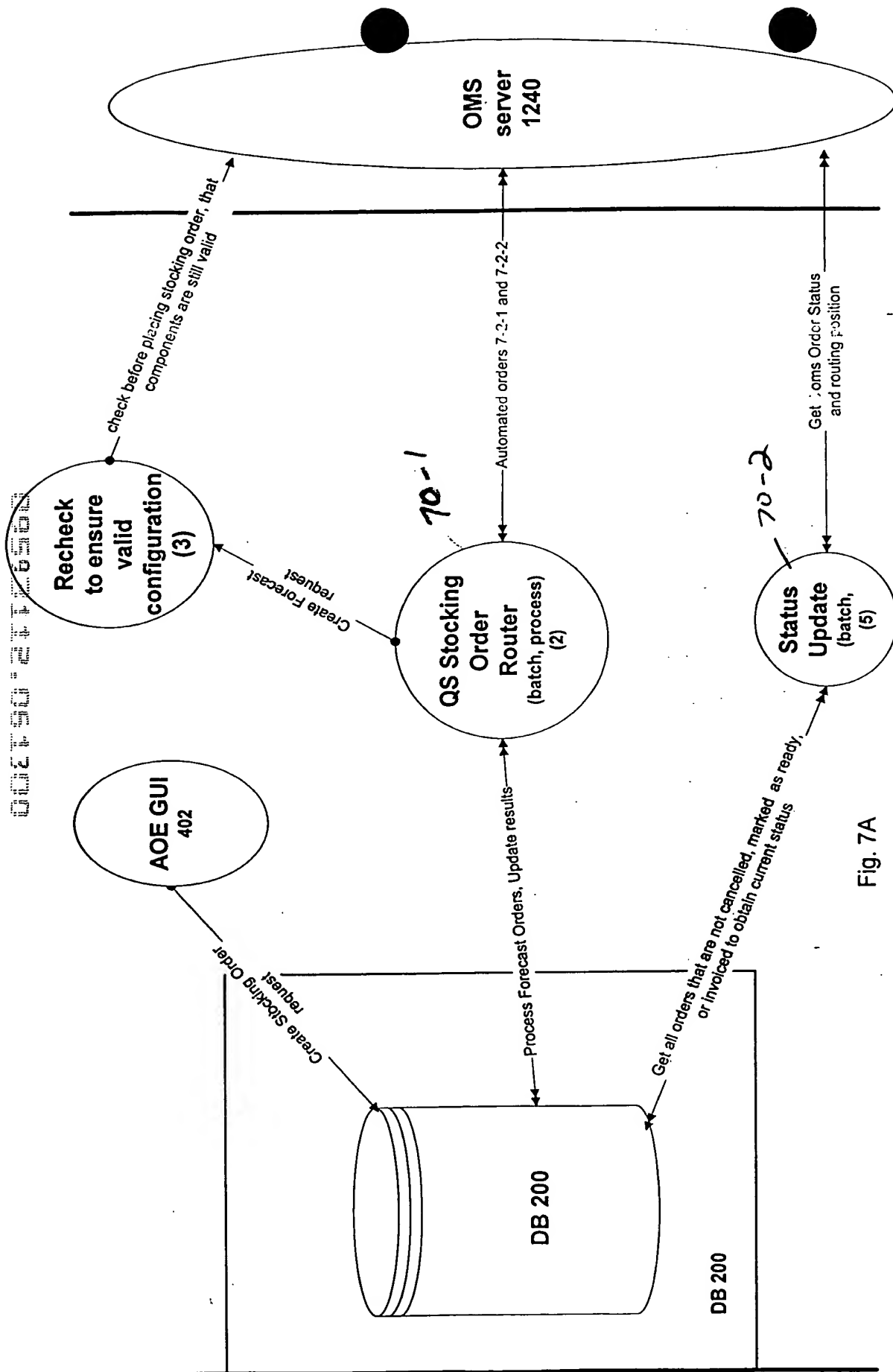


Fig. 68B



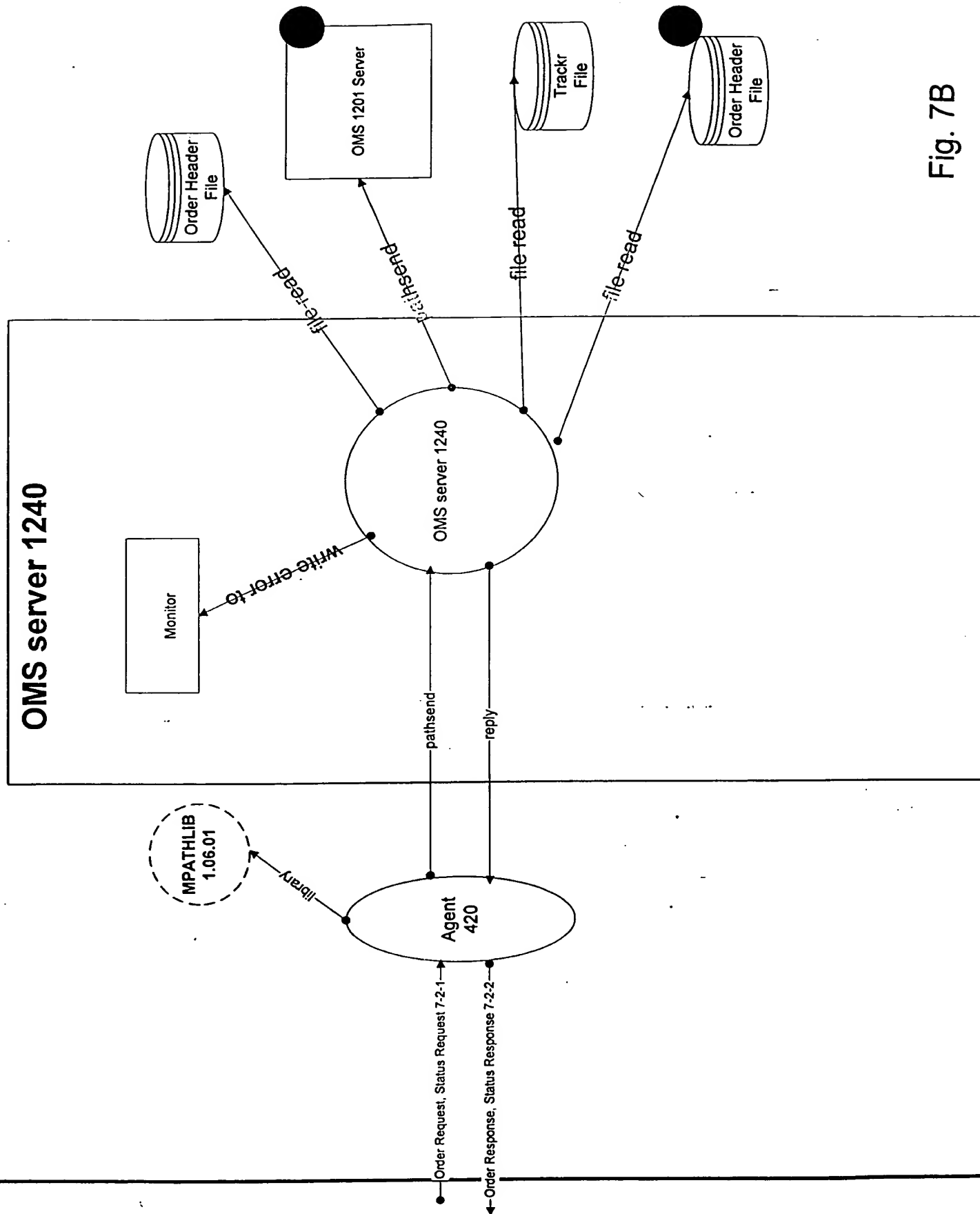


Fig. 7B

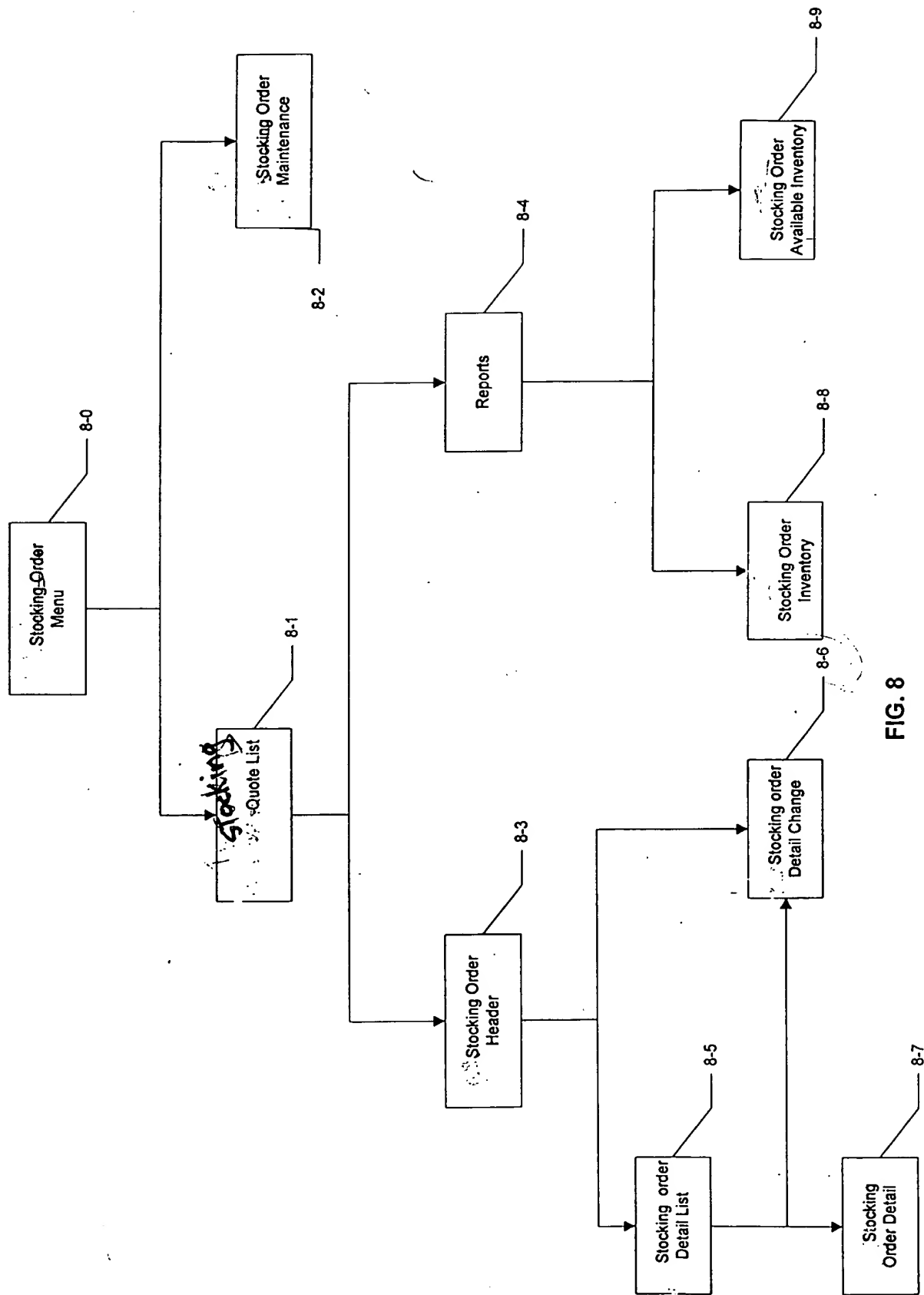
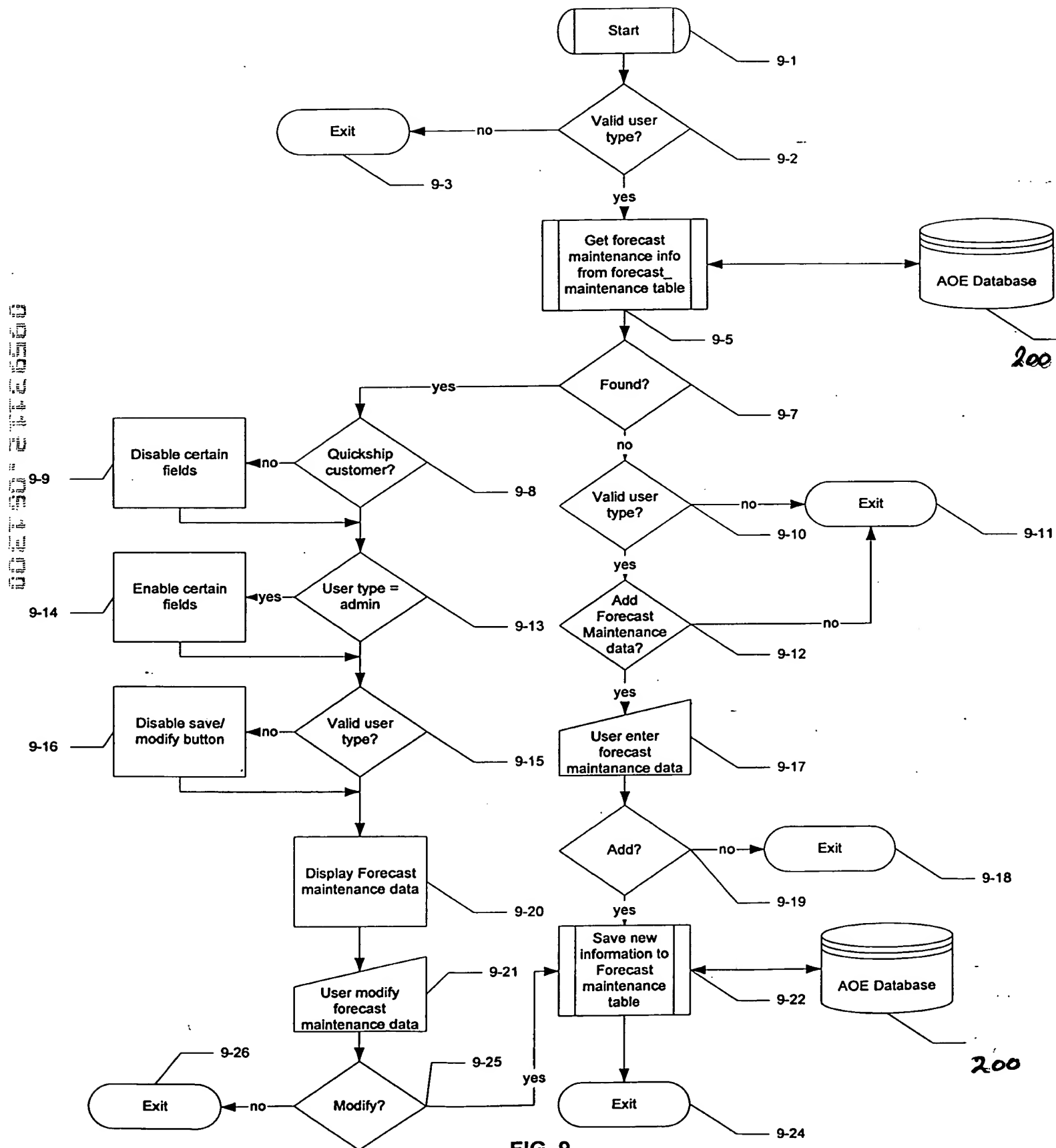


FIG. 8



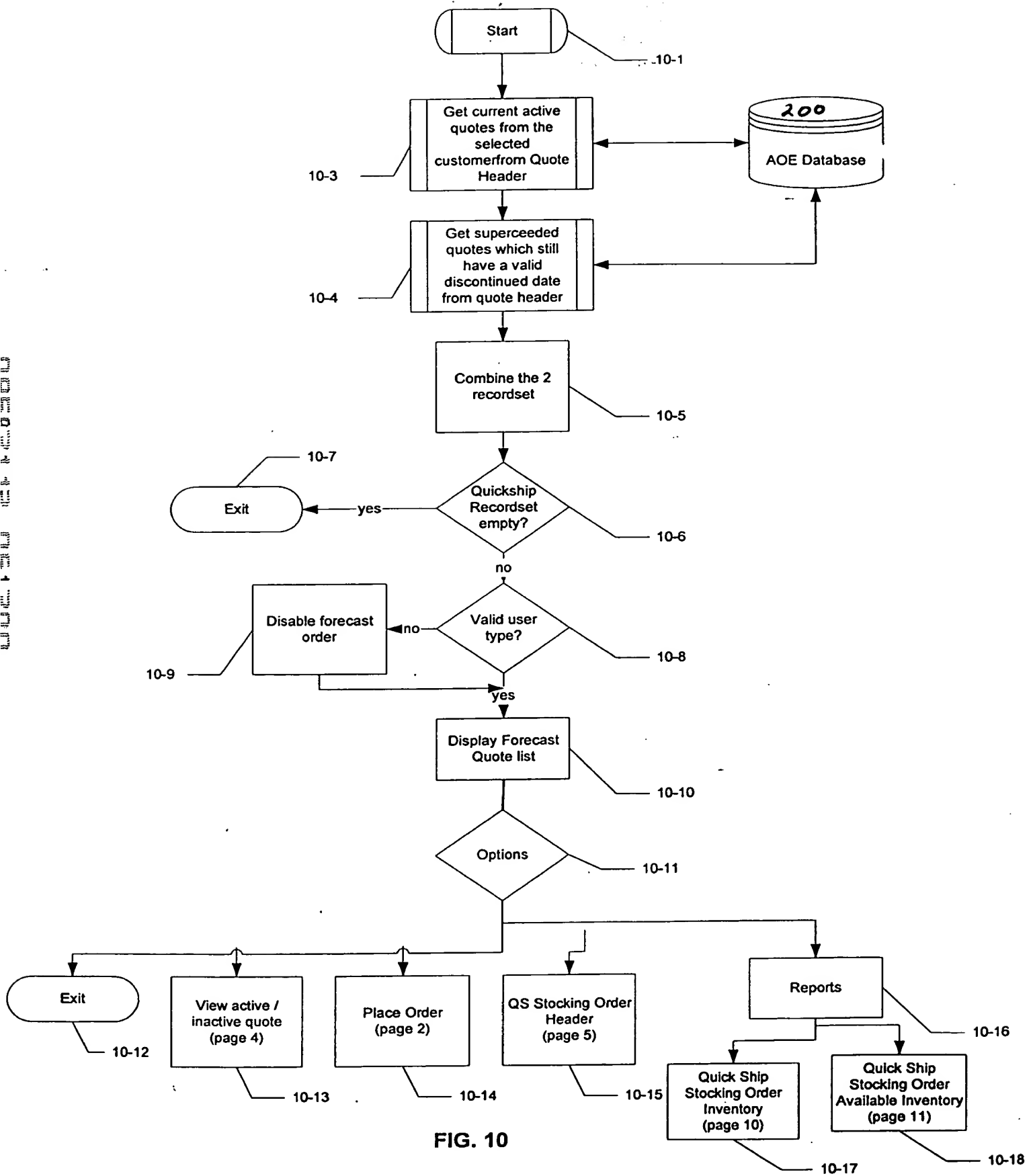


FIG. 10

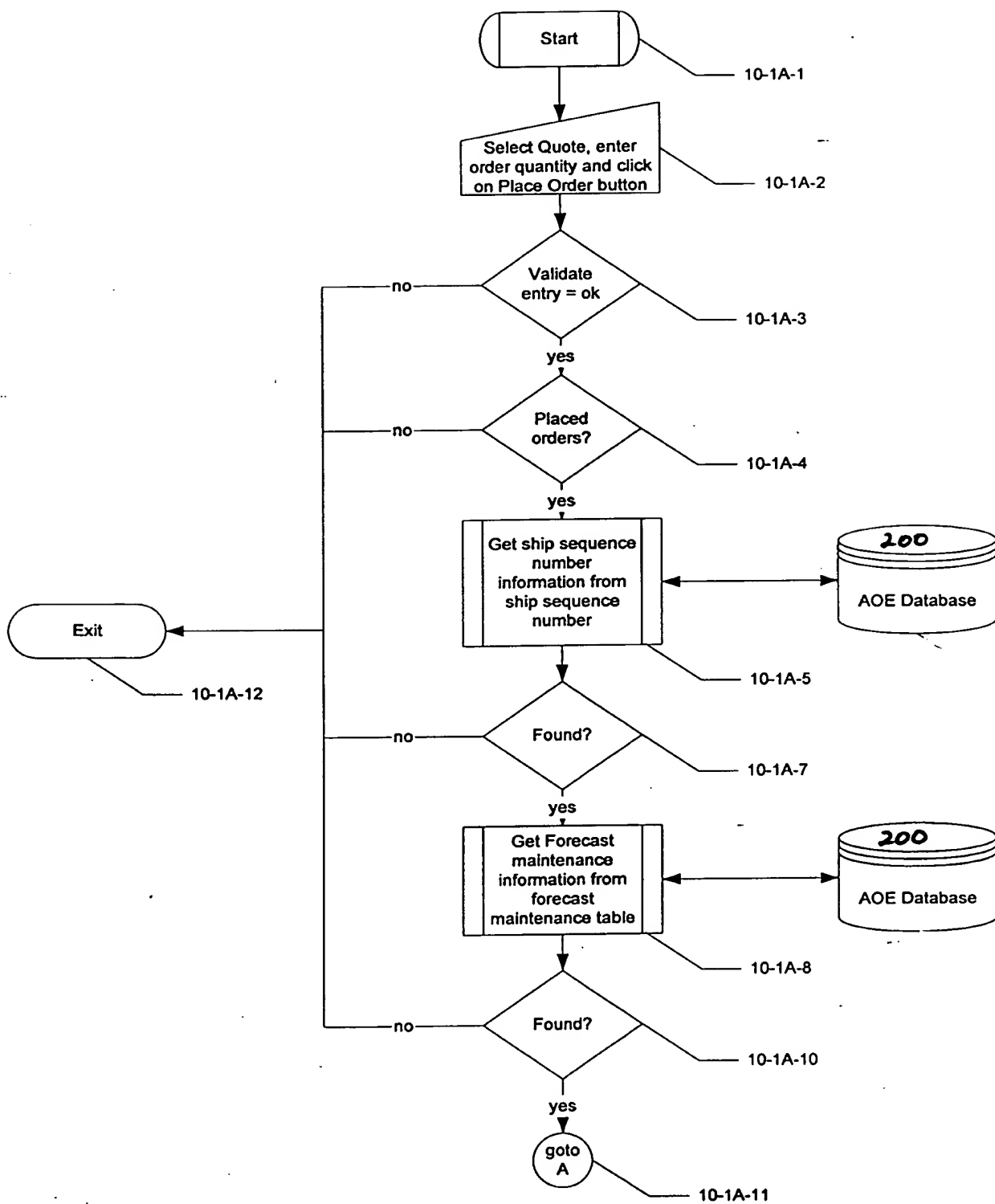


FIG. 10-1A



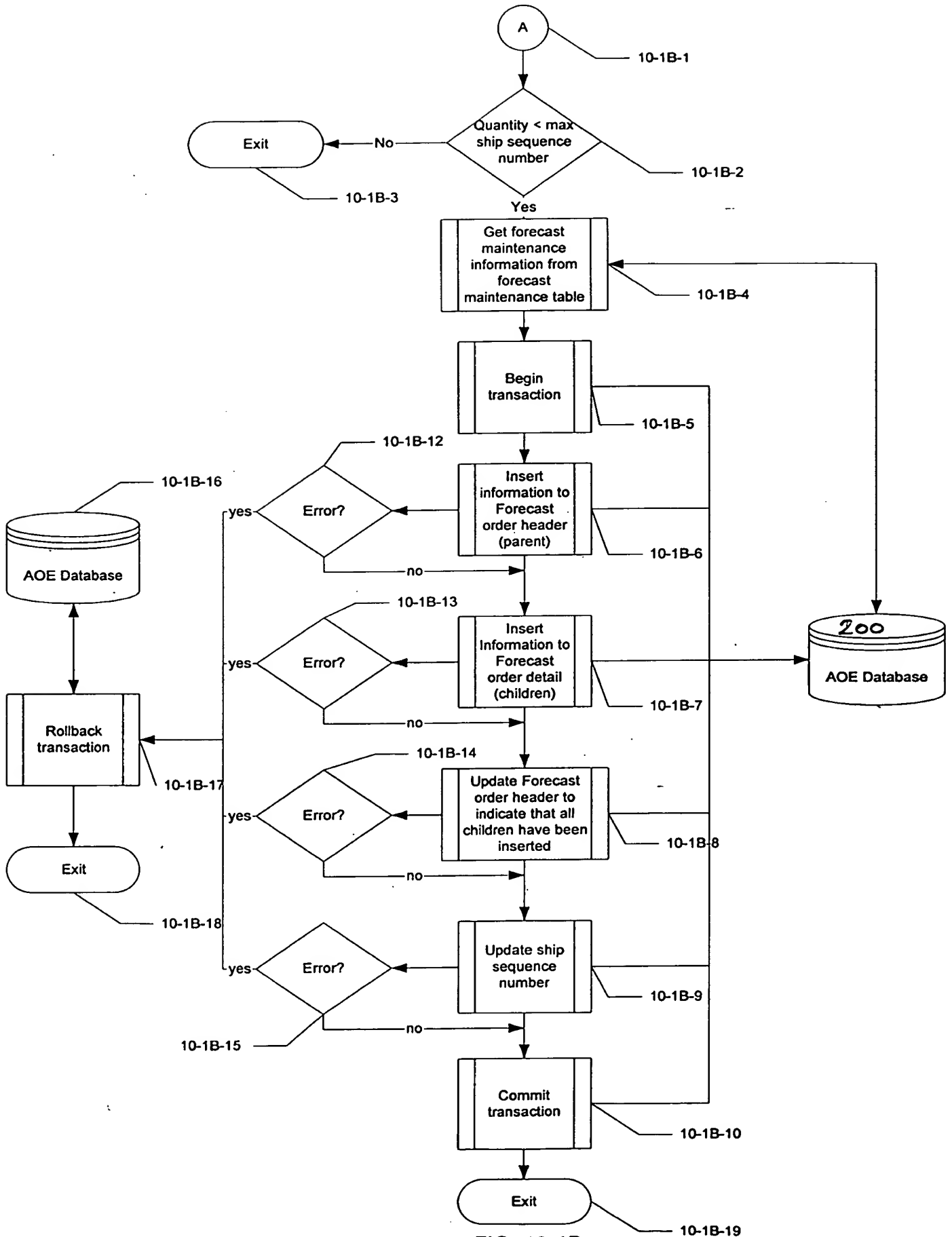


FIG. 10-1B

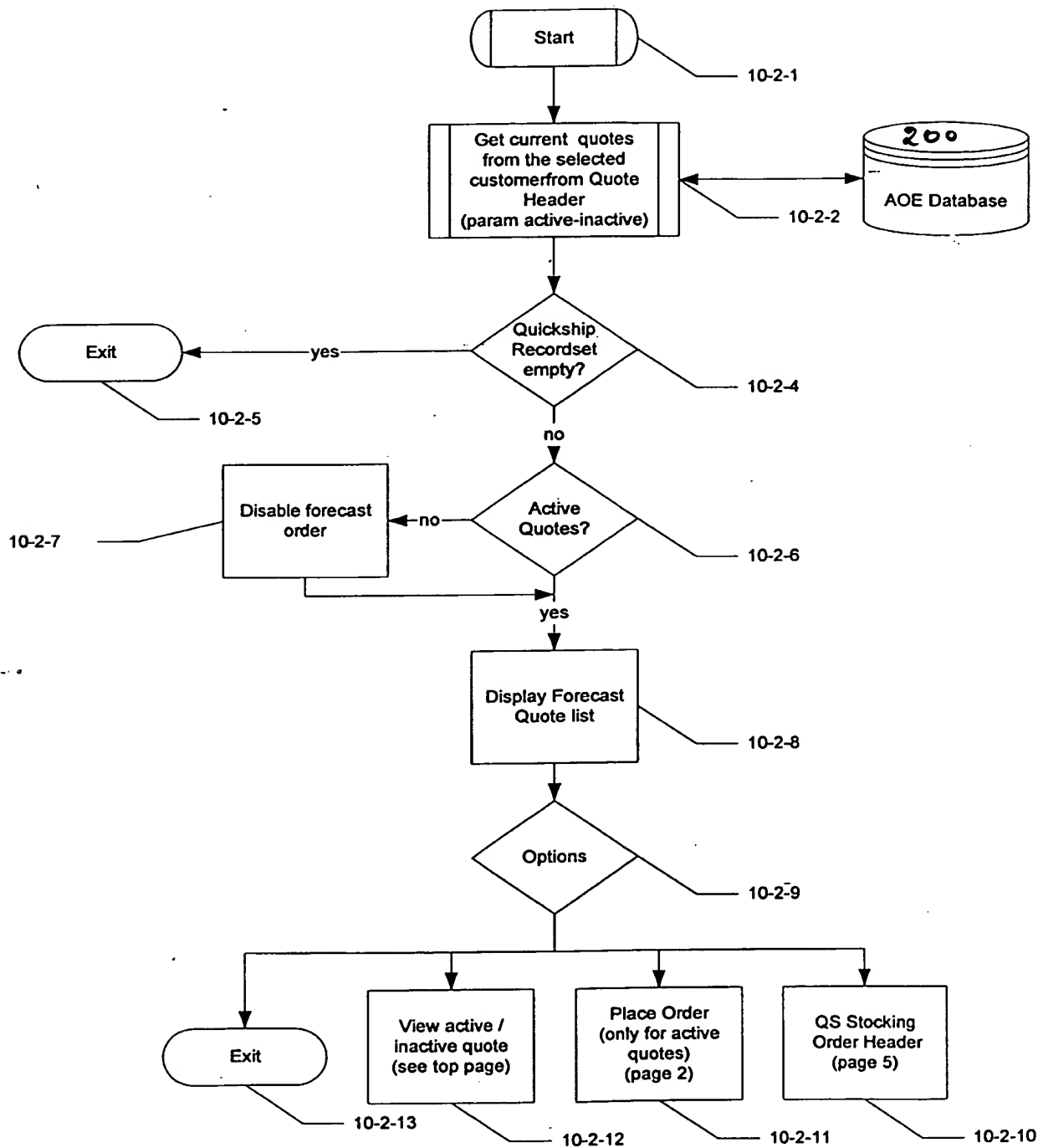


FIG. 10-2

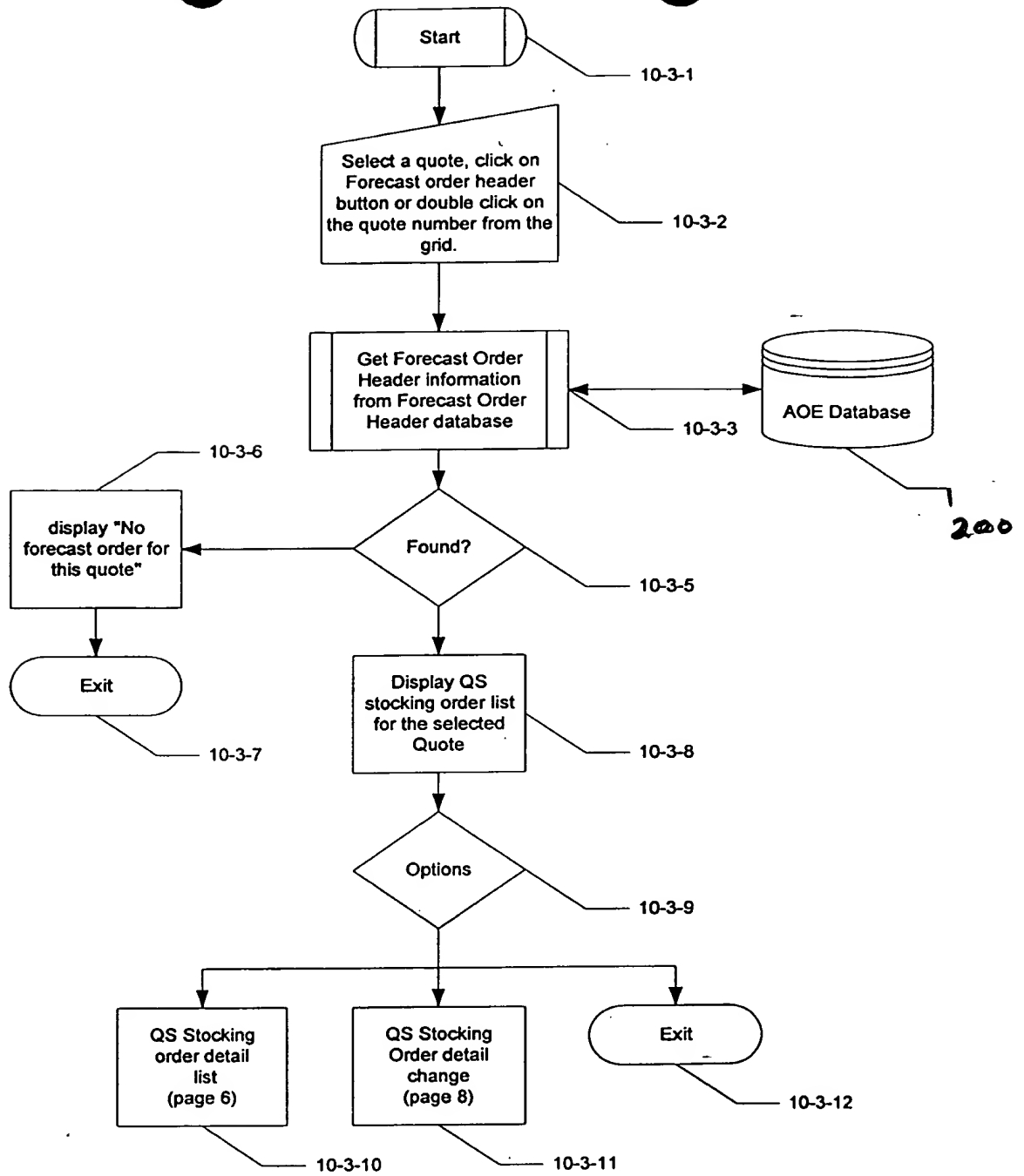


FIG. 10-3

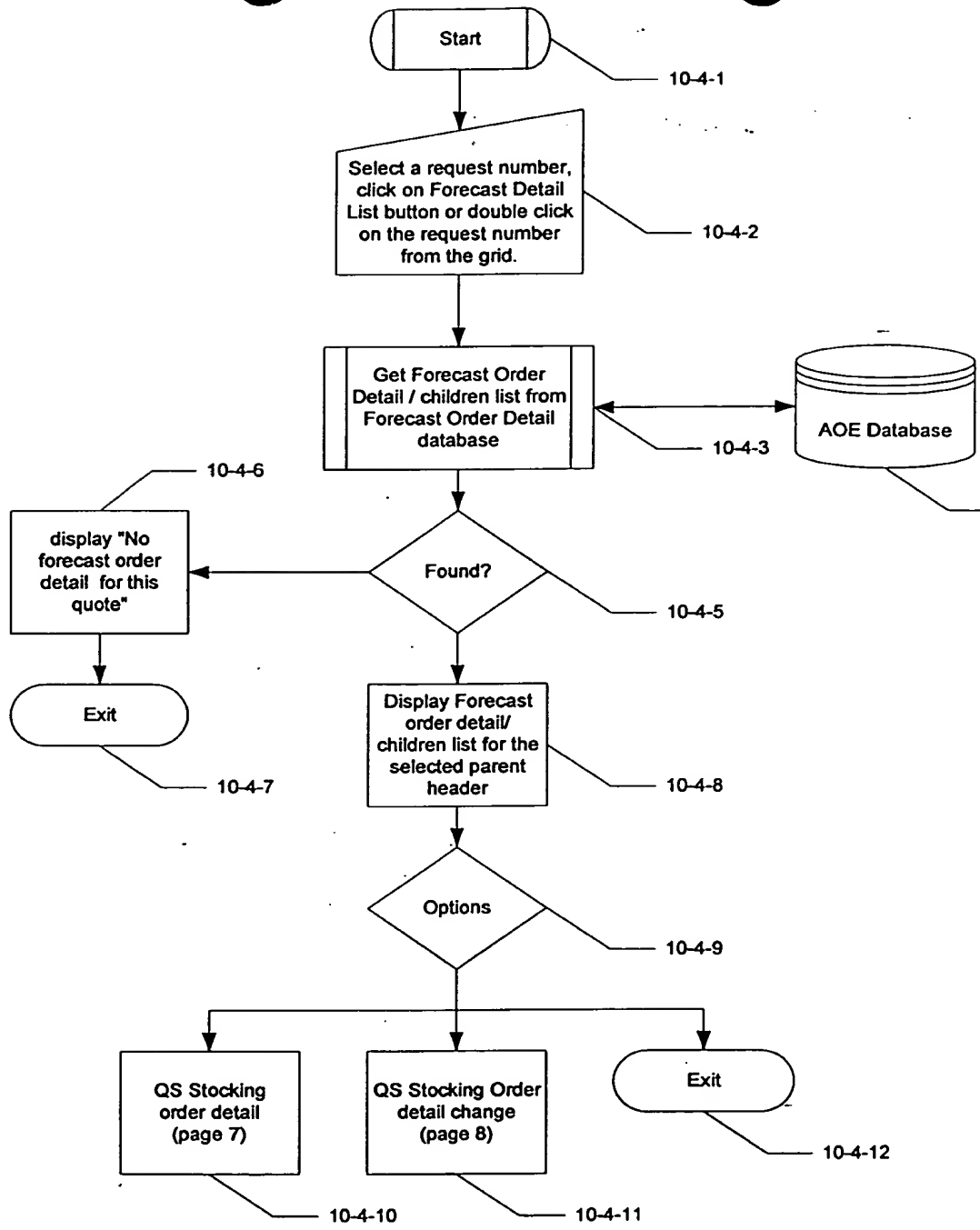


FIG. 10-4

```
graph TD
    10-5-1([Start]) --> 10-5-2[/Select a Doms Order number, click on Forecast Detail List button or double click on the Doms order number from the grid./]
    10-5-2 --> 10-5-3[Get Forecast Order Detail information from Forecast Order Detail database]
    10-5-3 <--> 200[(AOE Database)]
    10-5-3 --> 10-5-5{Found?}
    10-5-5 --> 10-5-6[Display Forecast order detail information for the selected children/Doms order number]
    10-5-6 --> 10-5-7([Exit])
```

10-5-1

10-5-2

10-5-3

10-5-5

10-5-6

10-5-7

200

**FIG. 10-5**

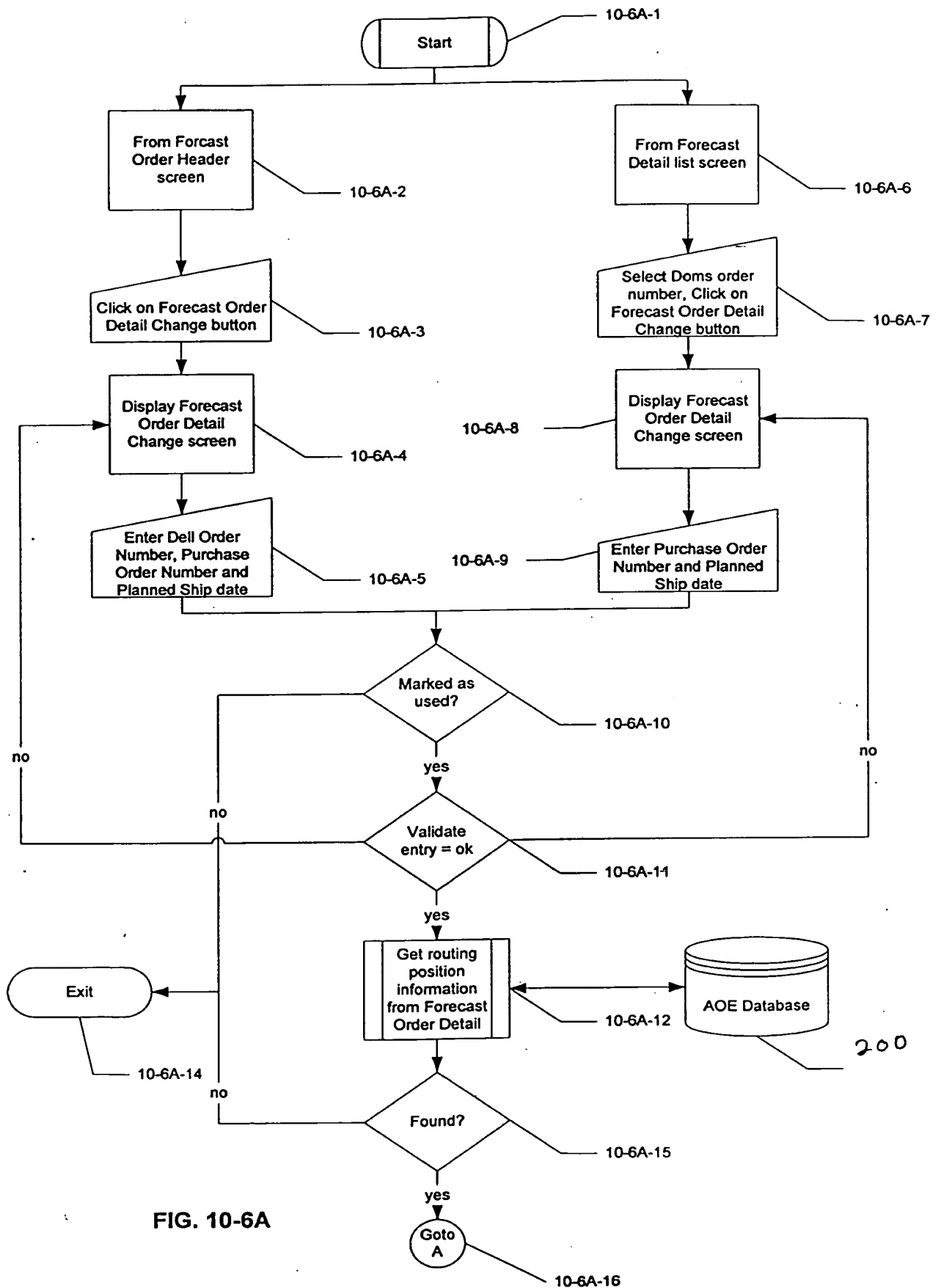


FIG. 10-6A

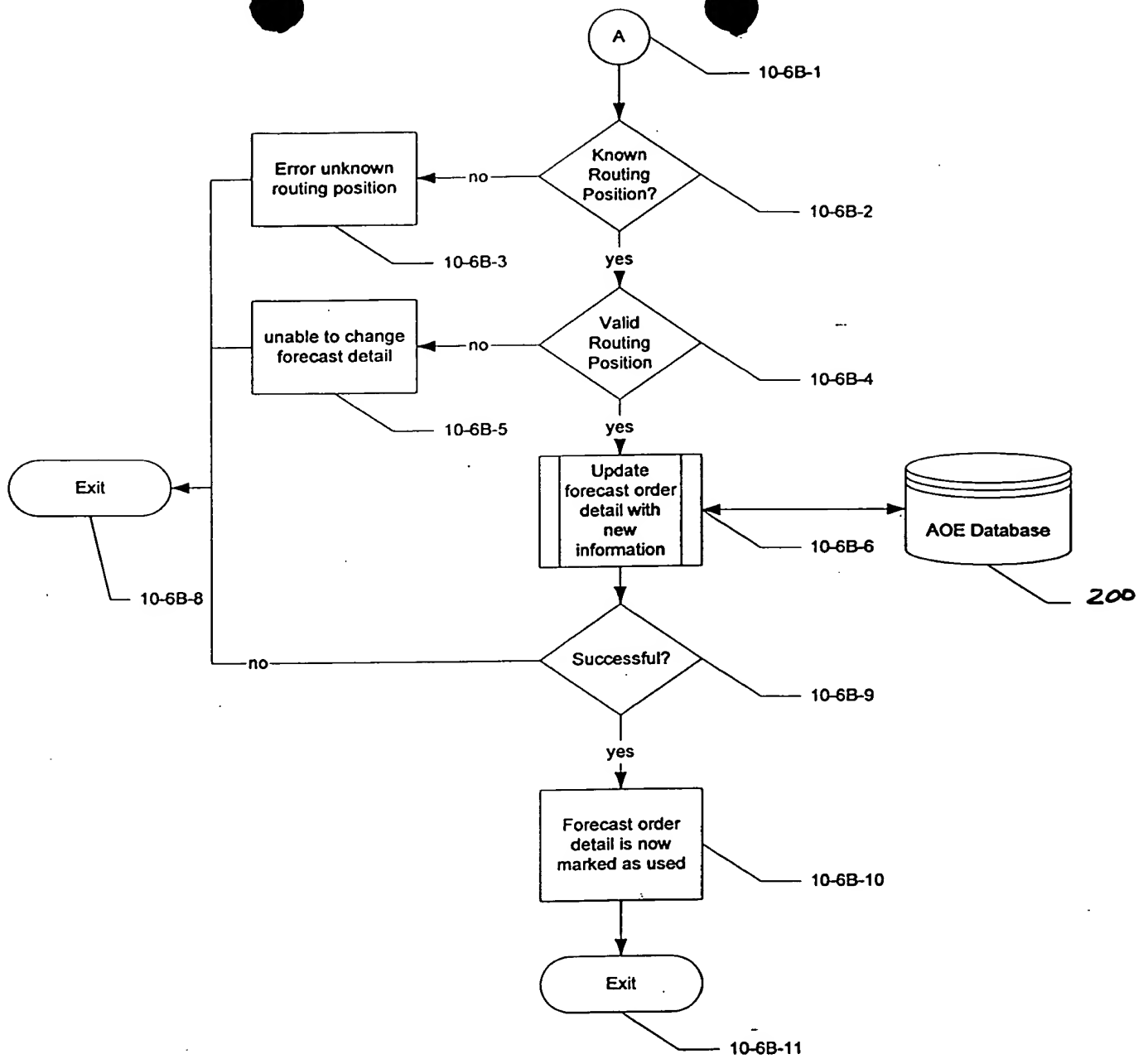


FIG. 10-6B

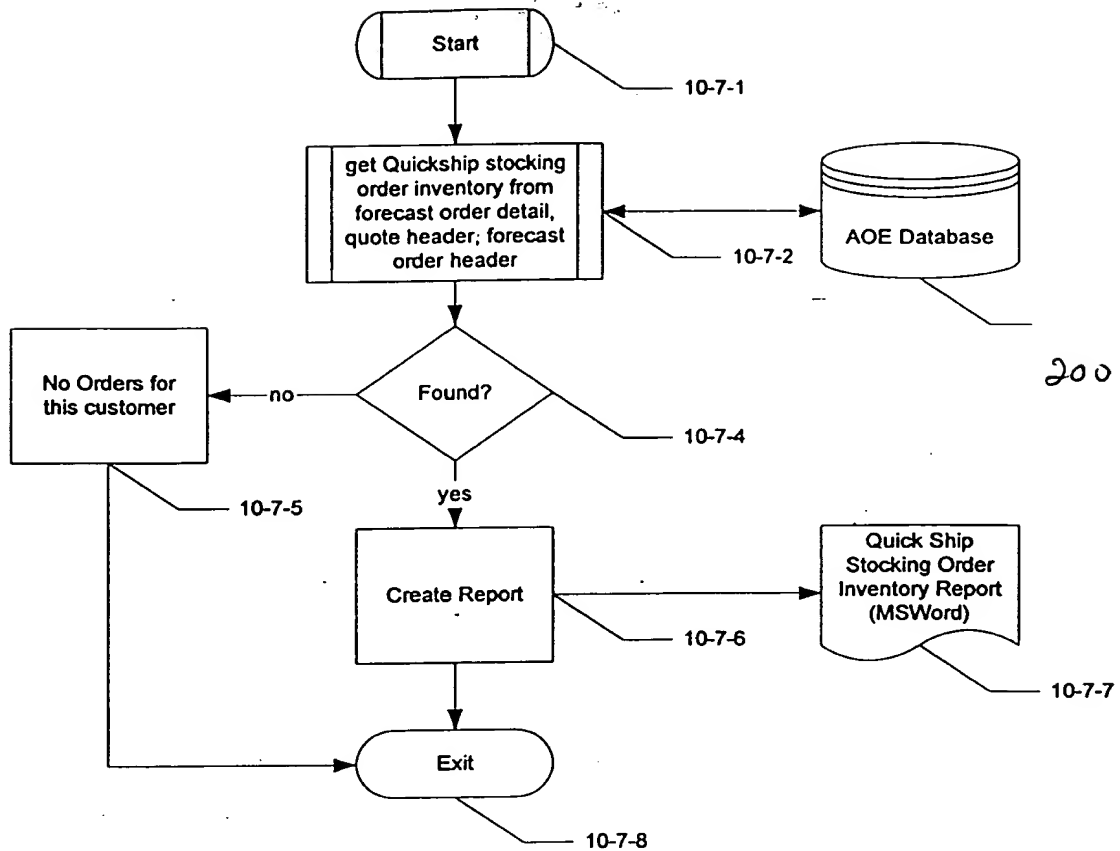


FIG. 10-7



0050343-00400

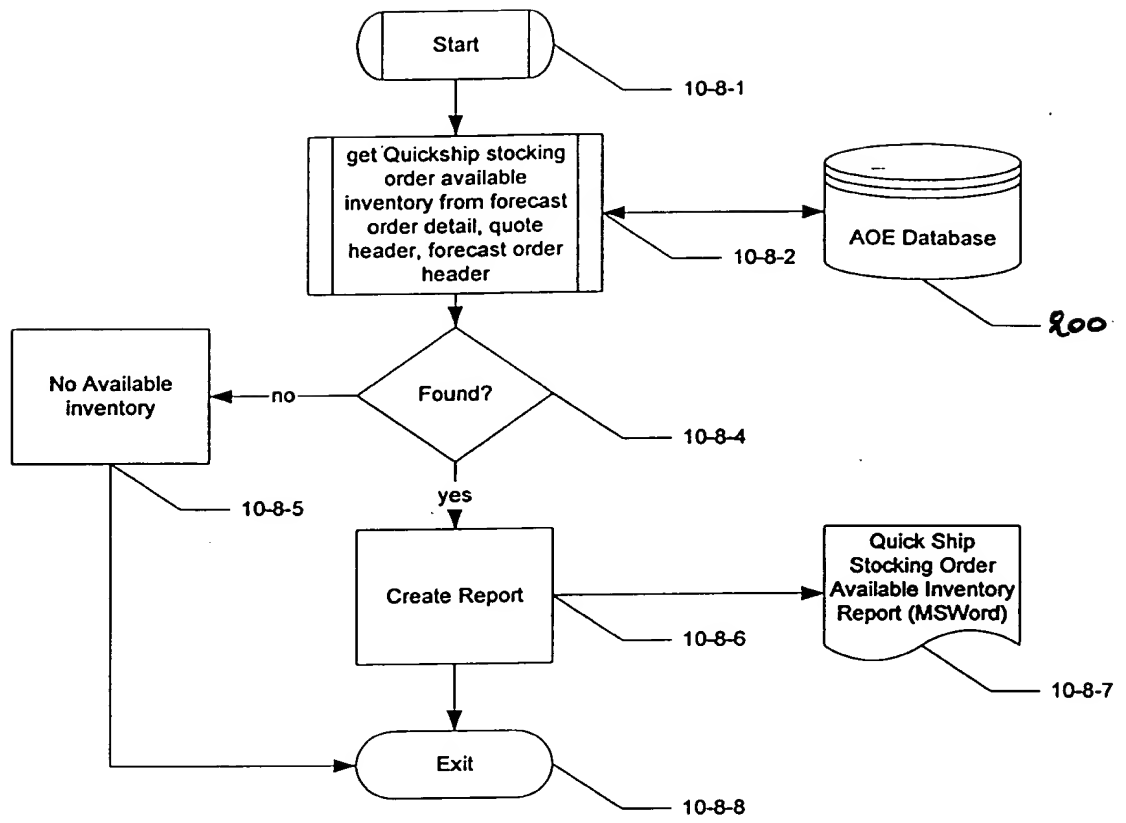


FIG. 10-8

00593.42 06:30  
002740 21:55

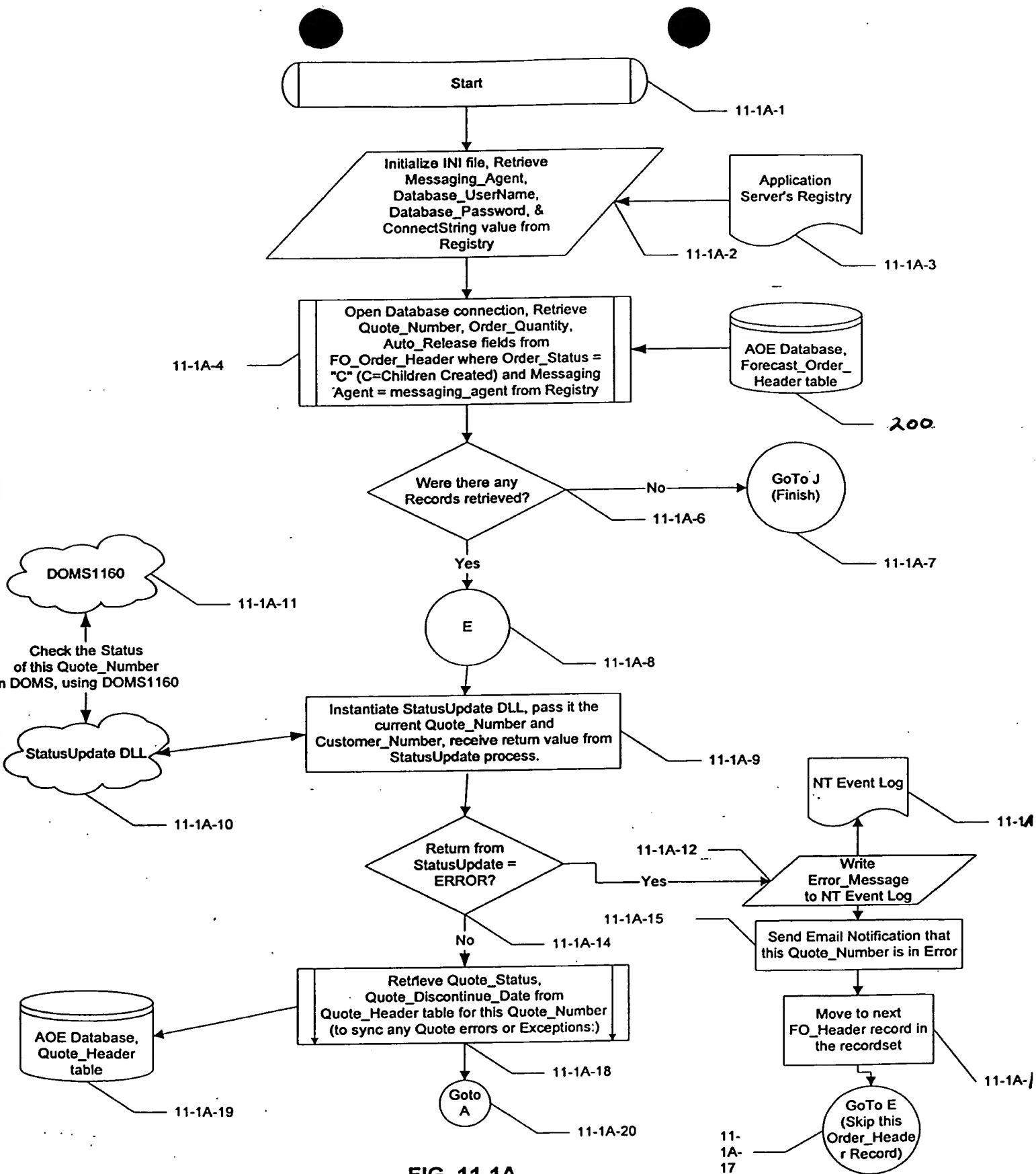


FIG. 11-1A

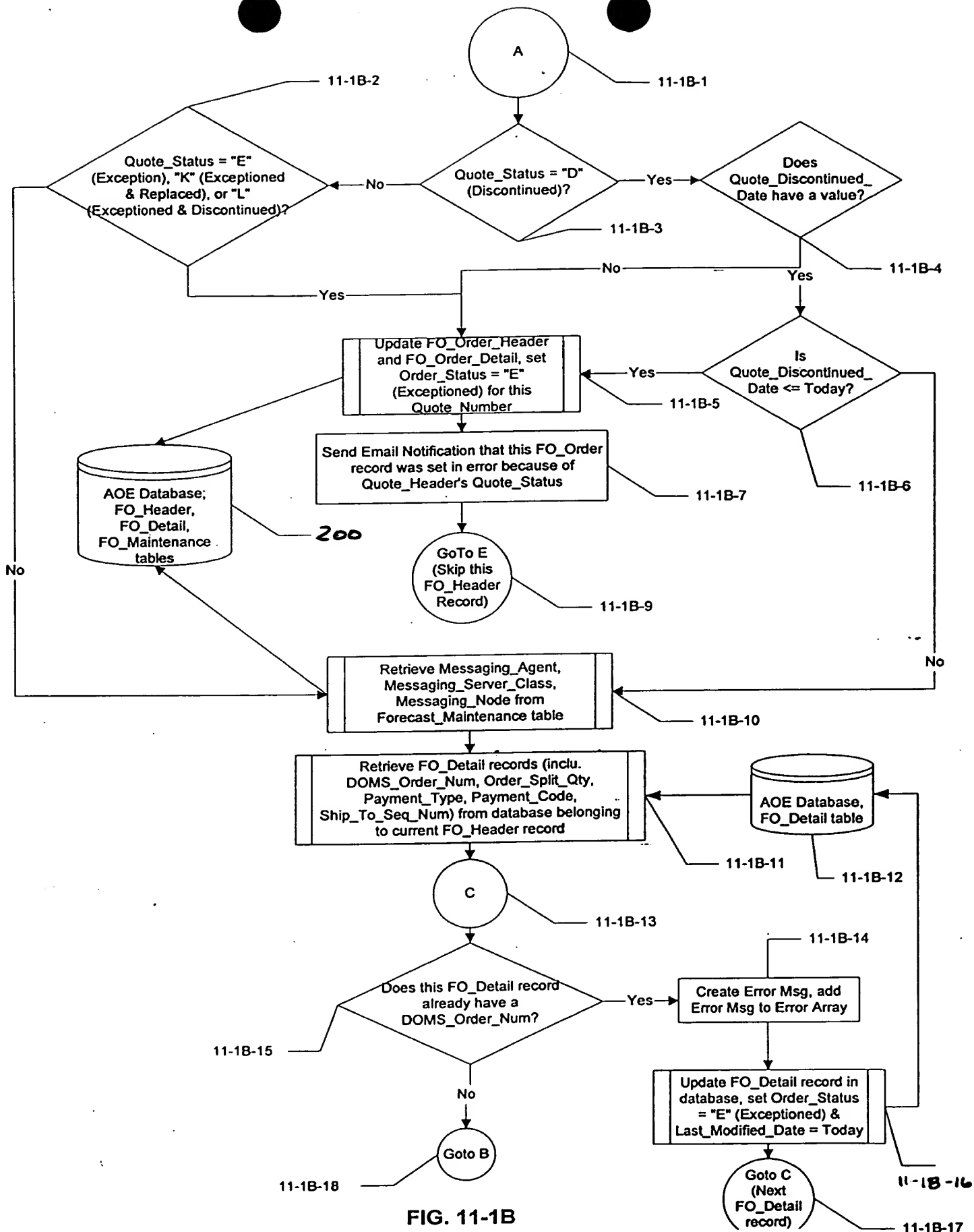


FIG. 11-1B

002150121E0500

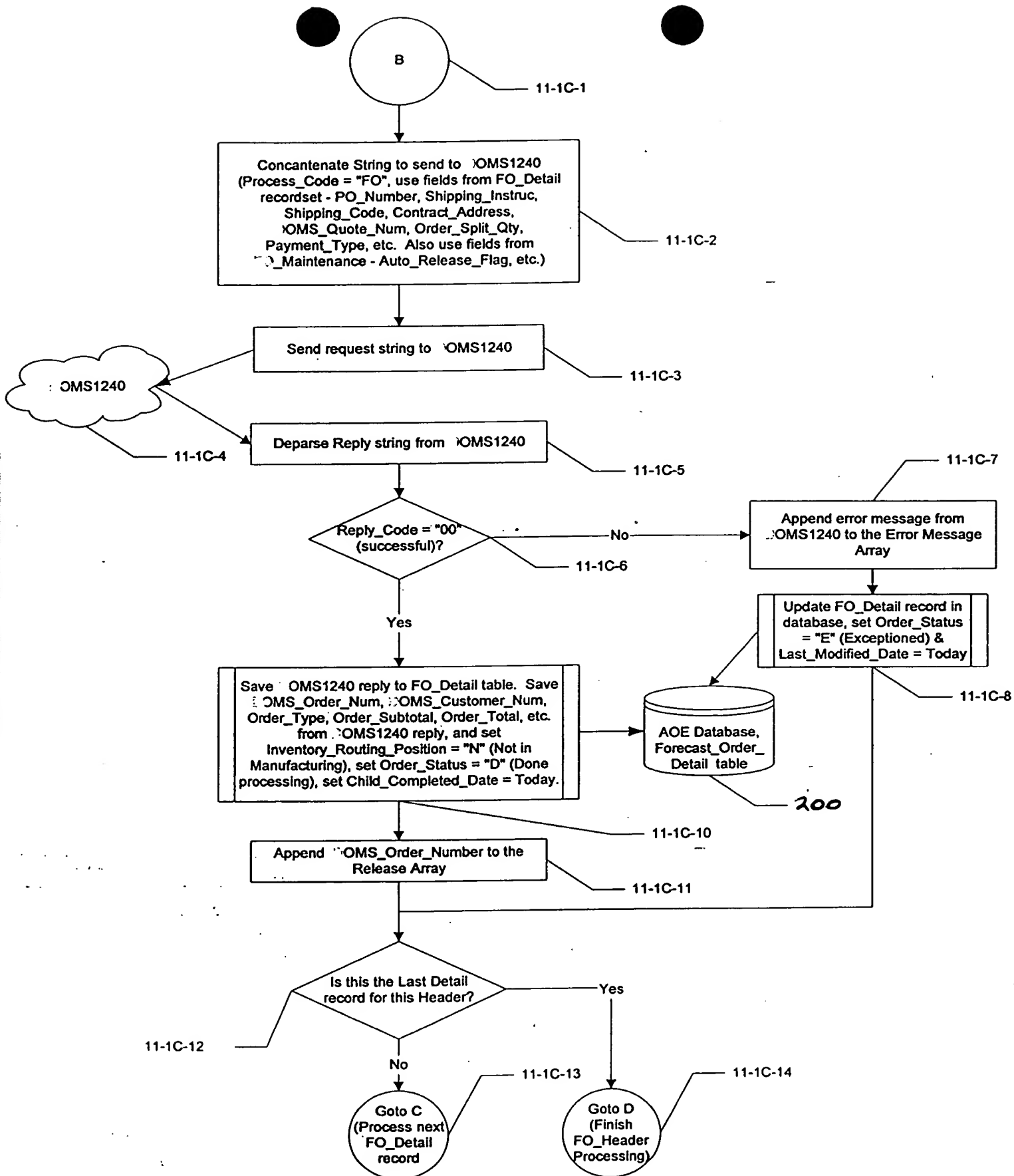


FIG. 11-1C

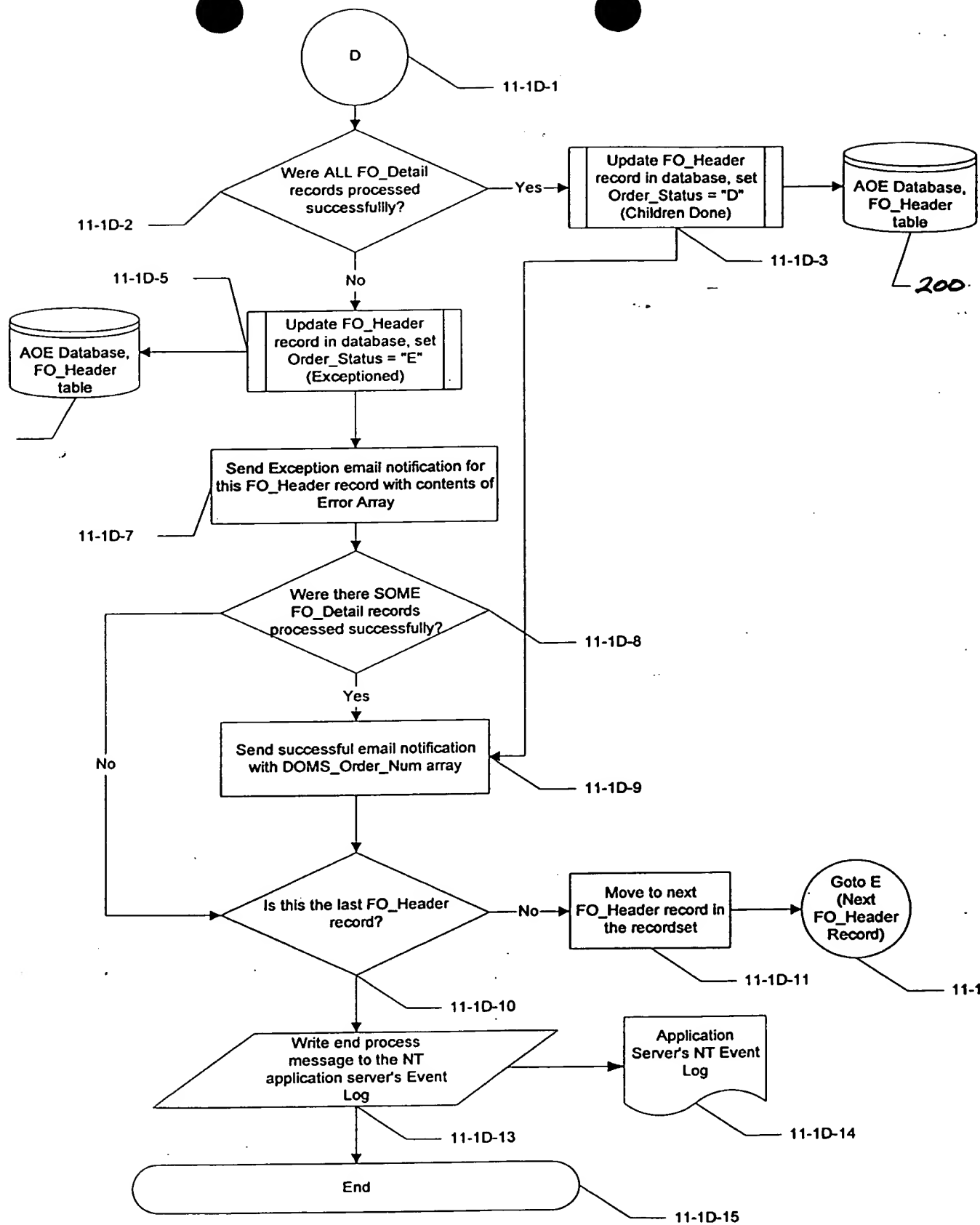


FIG. 11-1D

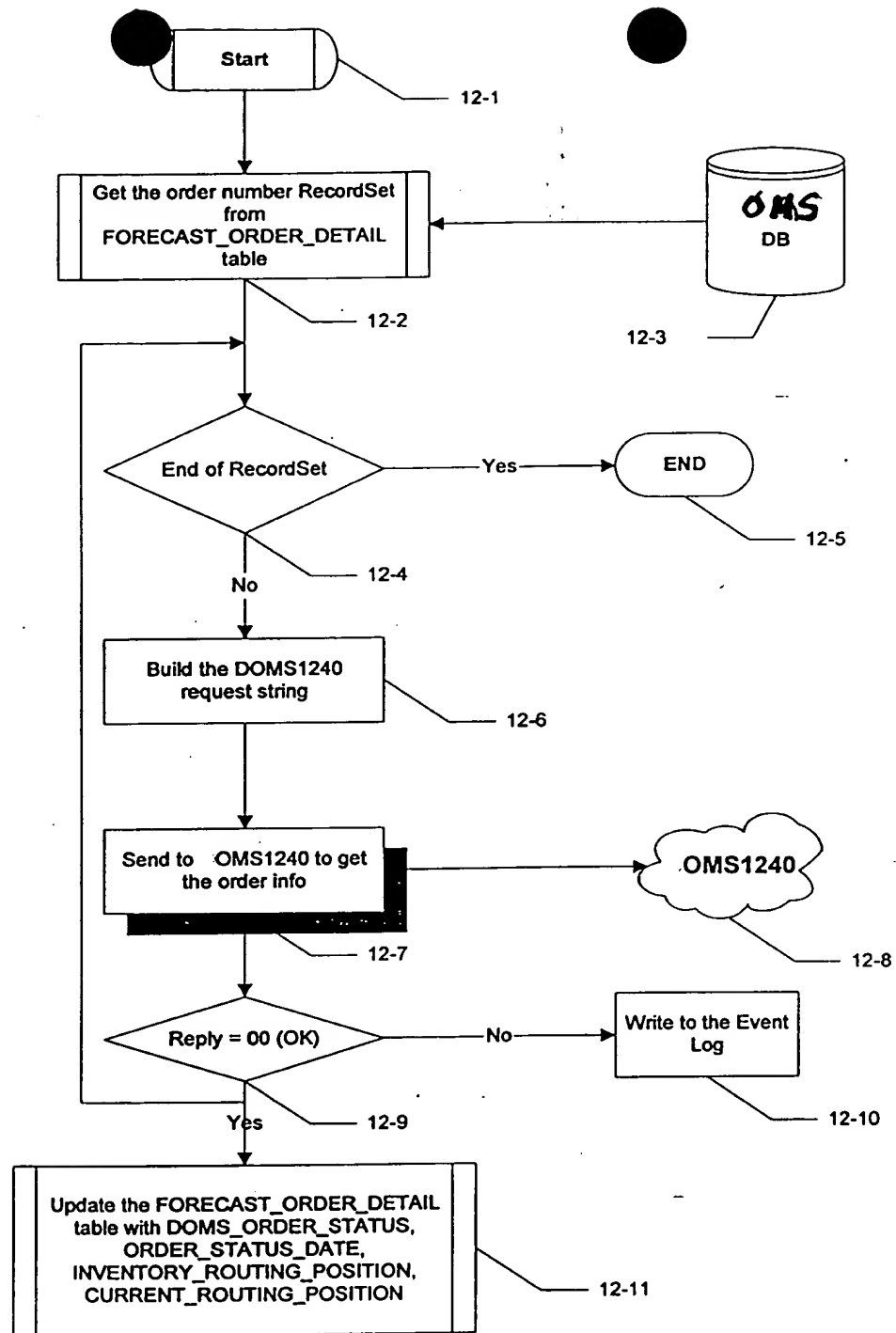


FIG. 12

Receiving orders  
for commodity and  
non-commodity  
products  
1300-1



Building product  
on a build to order  
basis for orders  
with longer lead  
time  
1300-2



Building product after preparing a catalog for a customer based on configurations made possible in the catalog  
1300-3



Delivering product  
1300-4

Fig. 13

```
graph TD; 310[Data File 310] --> 1410[Receive data 1410]; 1410 --> 1420[Process data 1420]; 1420 --> 1430[Acknowledge data 1430]; 1420 --> 370[(DATABASE 370)]; 1430 --> 370; 370 --> 1440[Request for products 1440]; 370 --> 1450[Generate purchase order 1450]; 370 --> 1460[Process purchase order to approve or reject 1460]; 1440 --> 1450; 1450 --> 1460; 1460 --> 1470[Transmit Order 1470]; 1470 --> 371[Customer Procurement System 371]; 371 --> 370;
```

The flowchart illustrates a data processing and order generation system. It begins with a 'Data File 310' which leads to 'Receive data 1410'. This is followed by 'Process data 1420', which then leads to 'Acknowledge data 1430'. Both 'Process data 1420' and 'Acknowledge data 1430' have arrows pointing to a 'DATABASE 370'. From the 'DATABASE 370', arrows point to 'Request for products 1440', 'Generate purchase order 1450', and 'Process purchase order to approve or reject 1460'. The flow continues from 'Request for products 1440' to 'Generate purchase order 1450', and then to 'Process purchase order to approve or reject 1460'. Finally, 'Process purchase order to approve or reject 1460' leads to 'Transmit Order 1470'. The 'Transmit Order 1470' has an arrow pointing to the 'Customer Procurement System 371'. The 'Customer Procurement System 371' has a bidirectional arrow connecting it to the 'DATABASE 370'.

Fig. 14



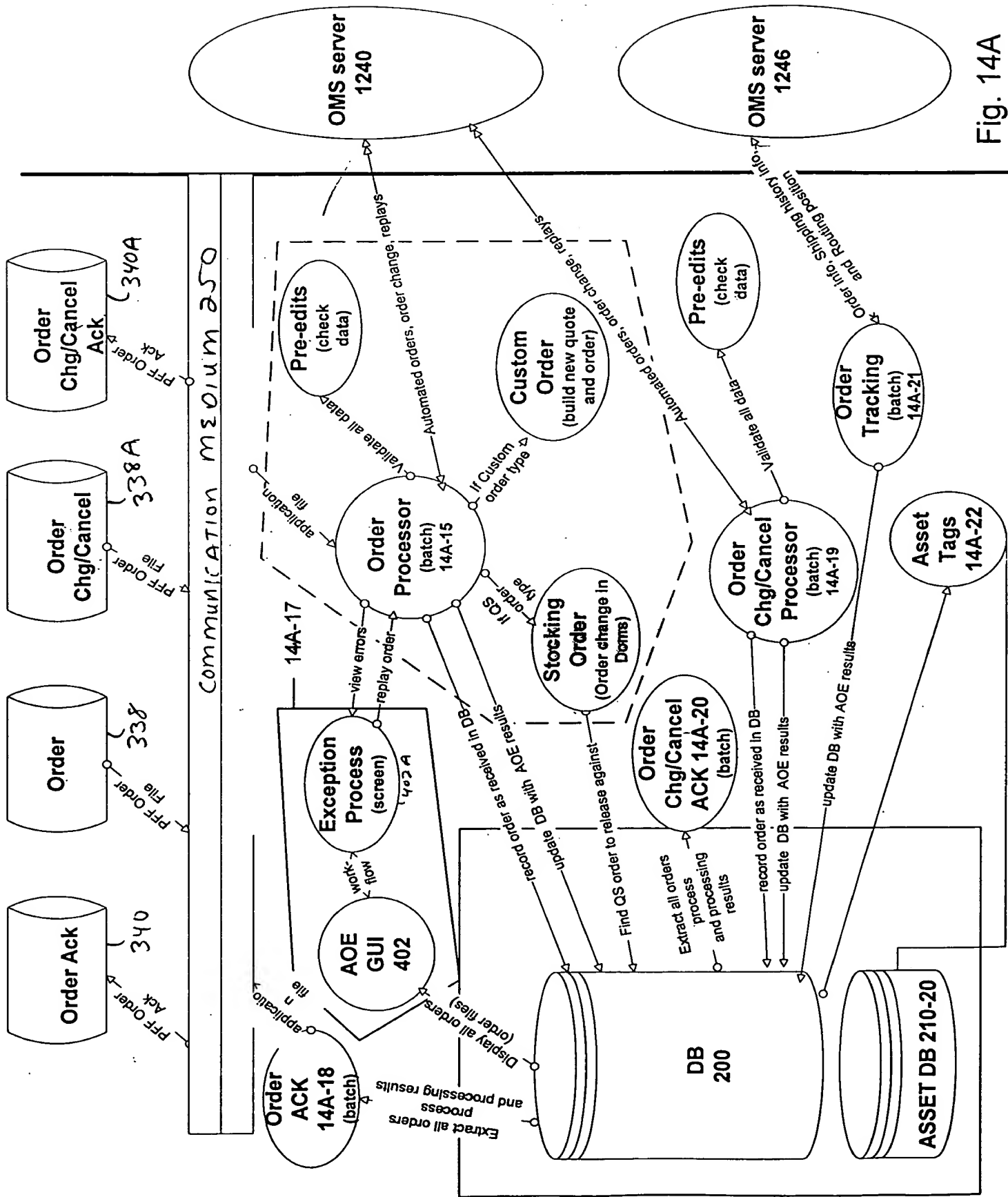


Fig. 14A

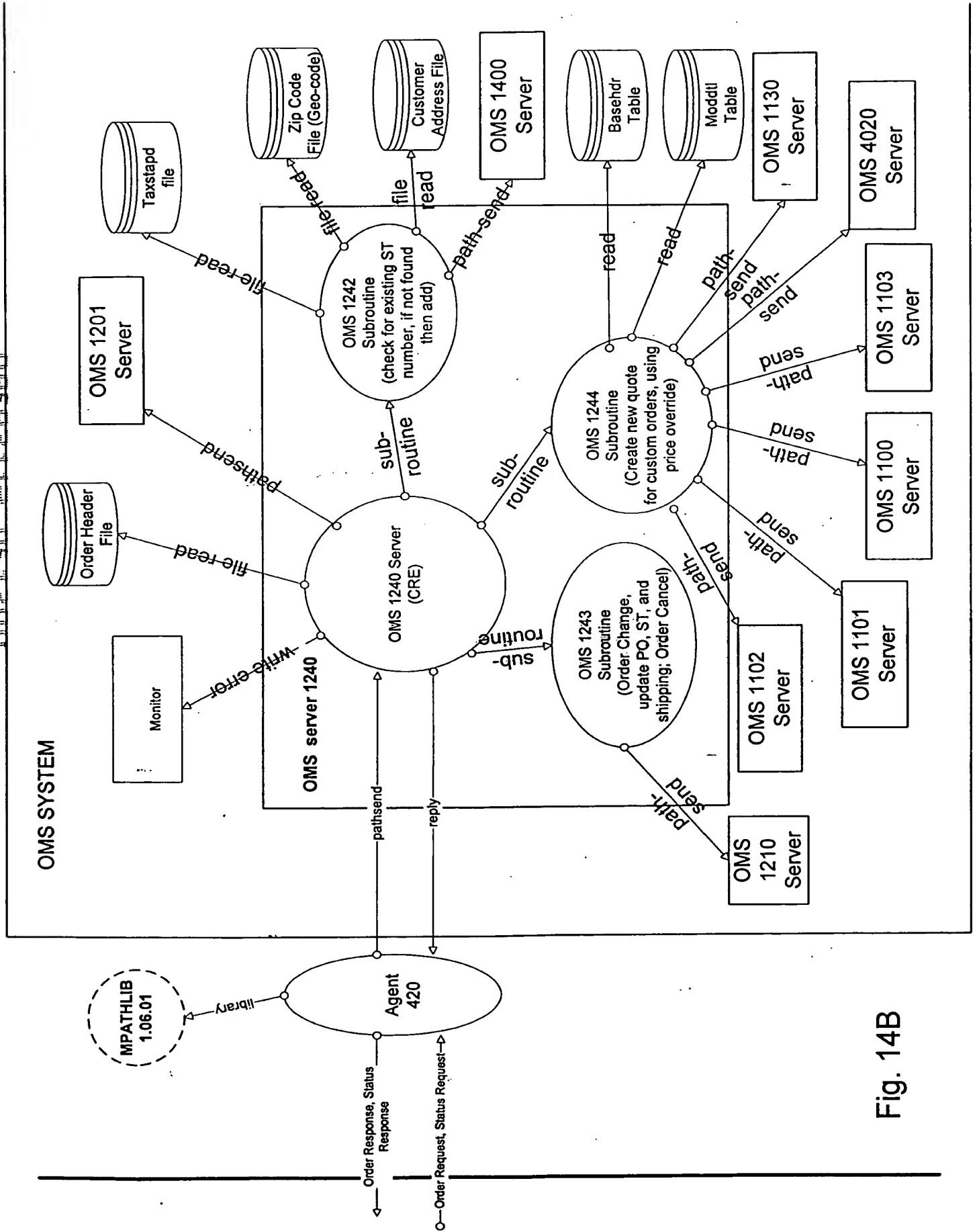


Fig. 14B

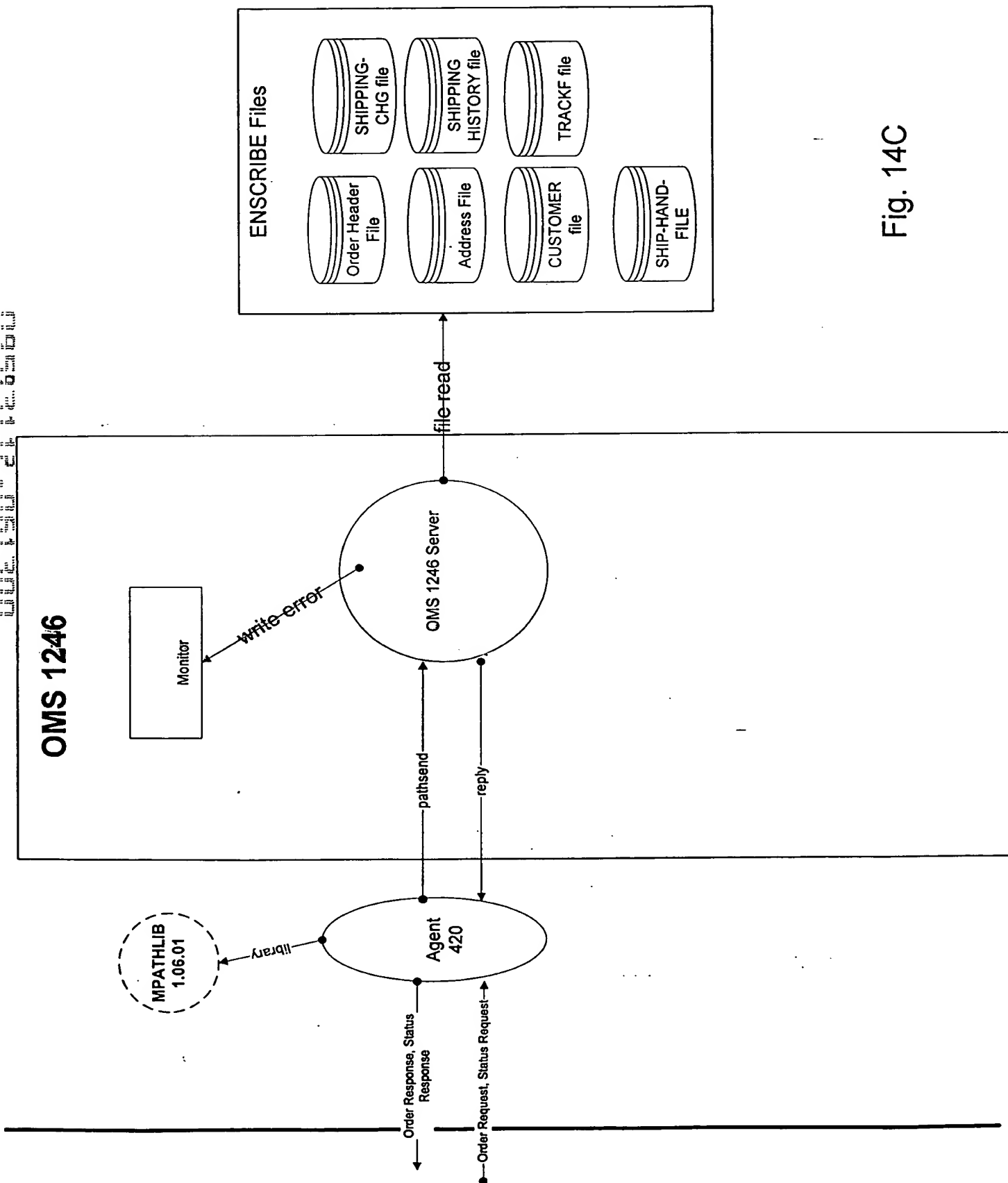
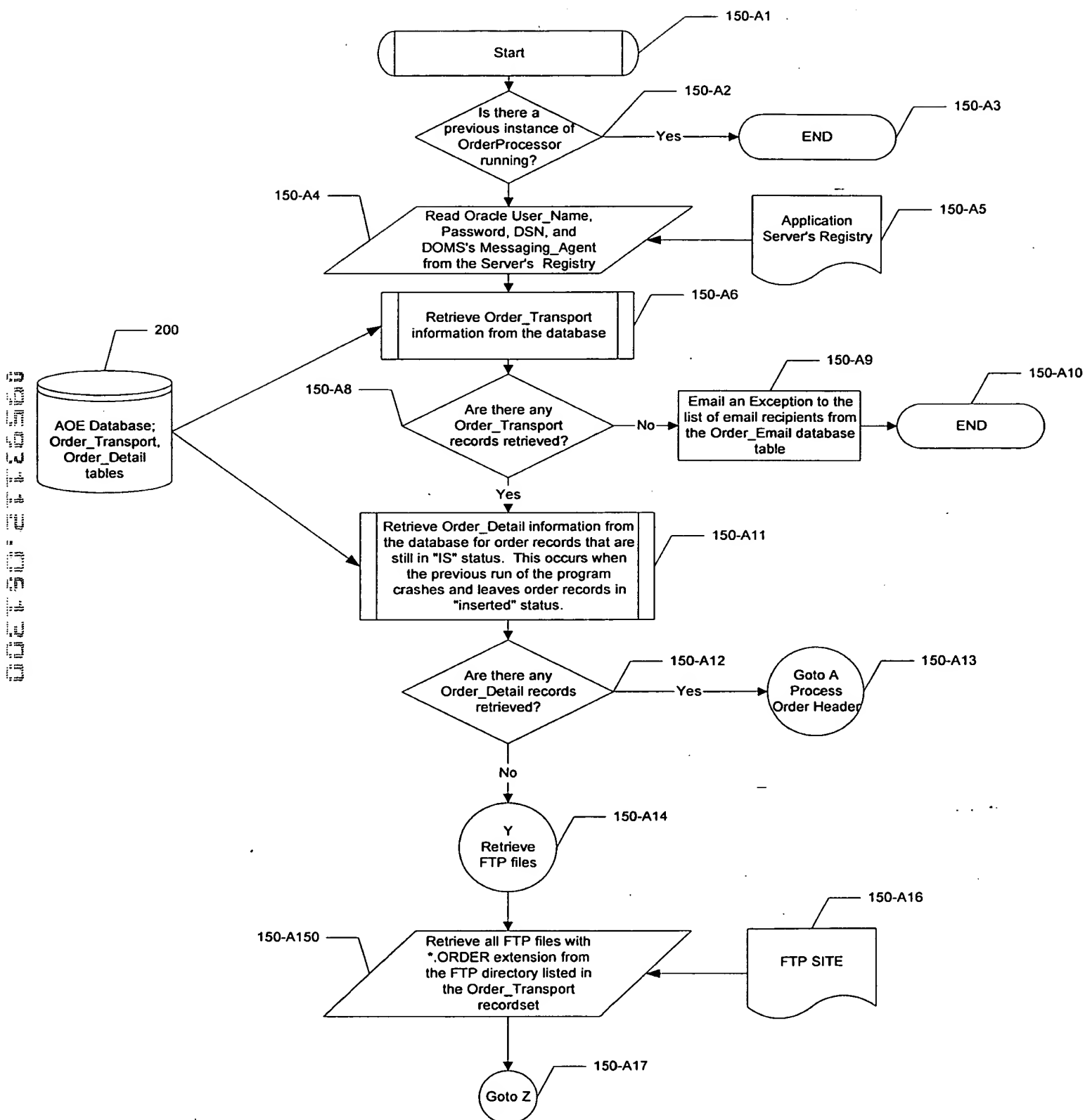


Fig. 14C



**FIG. 15A**

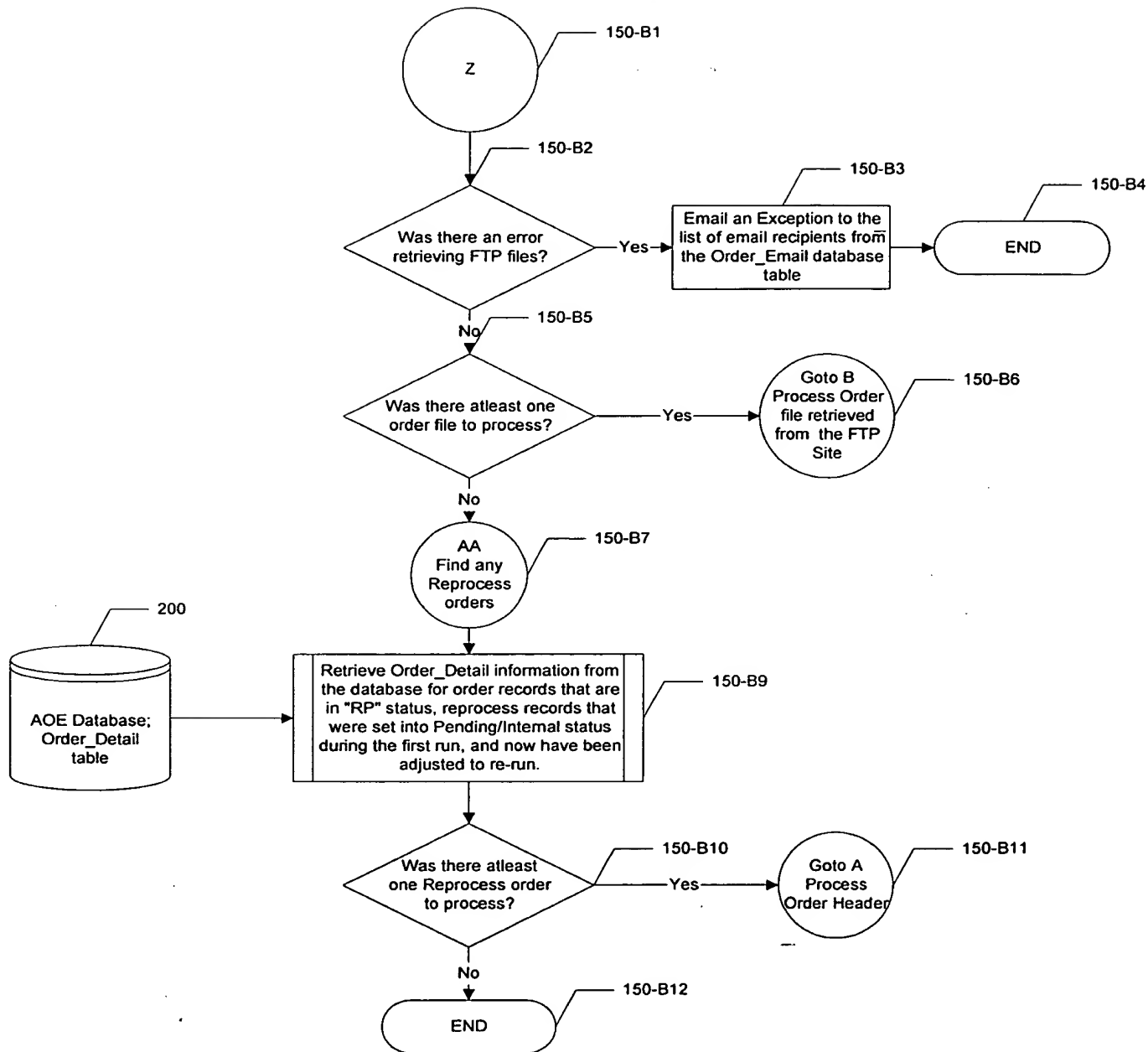


FIG. 15B

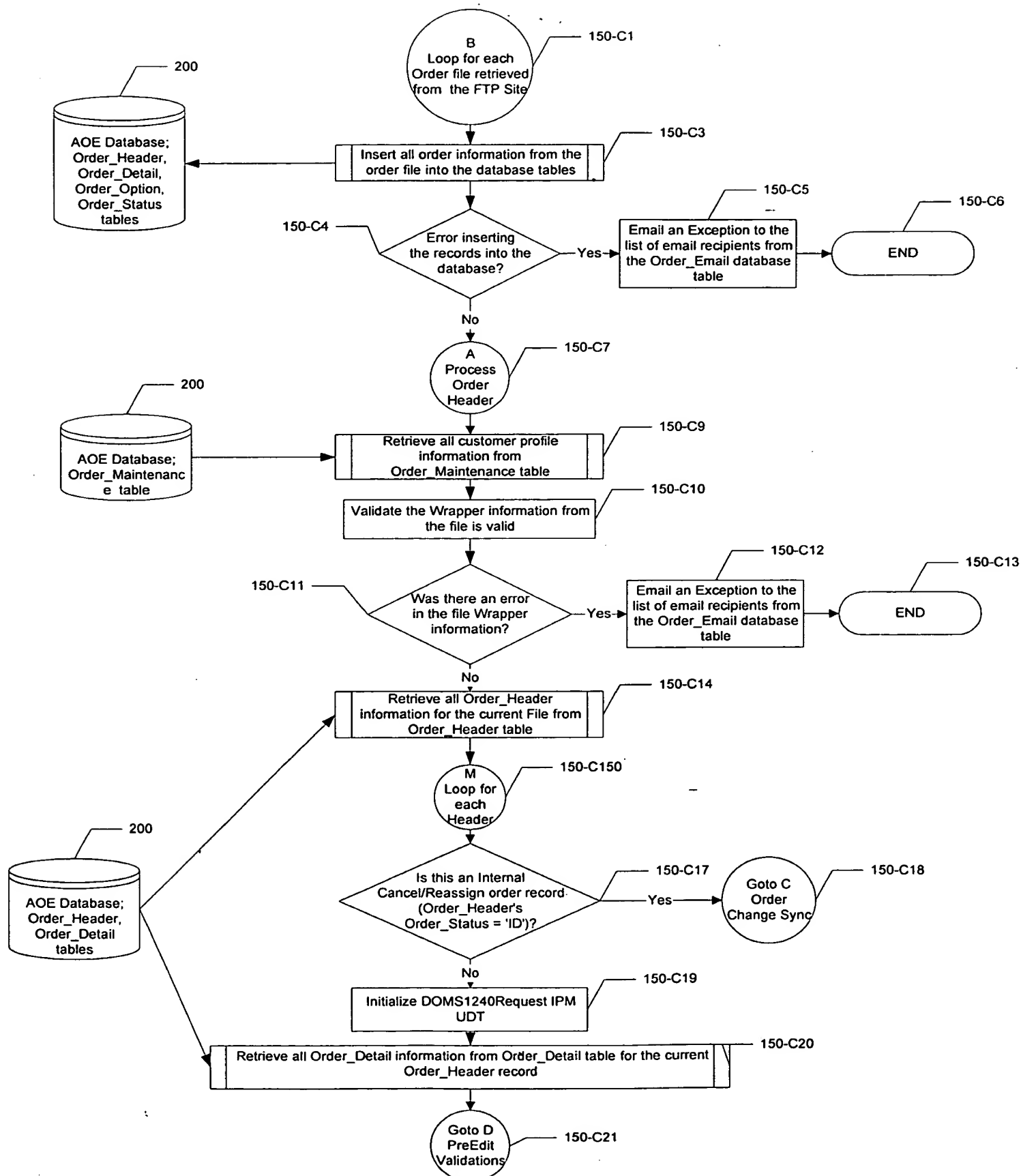


FIG. 15C

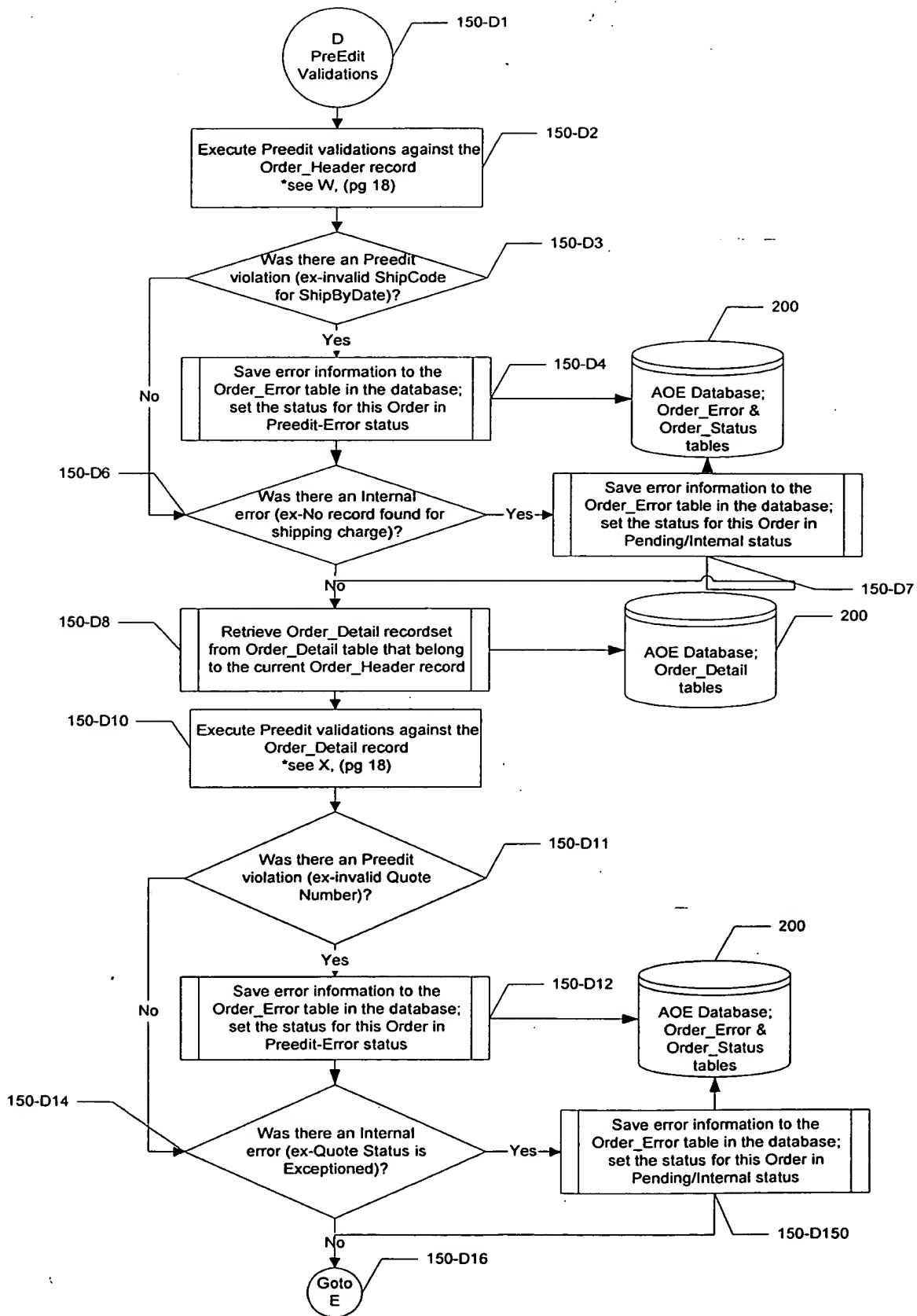


FIG. 15D

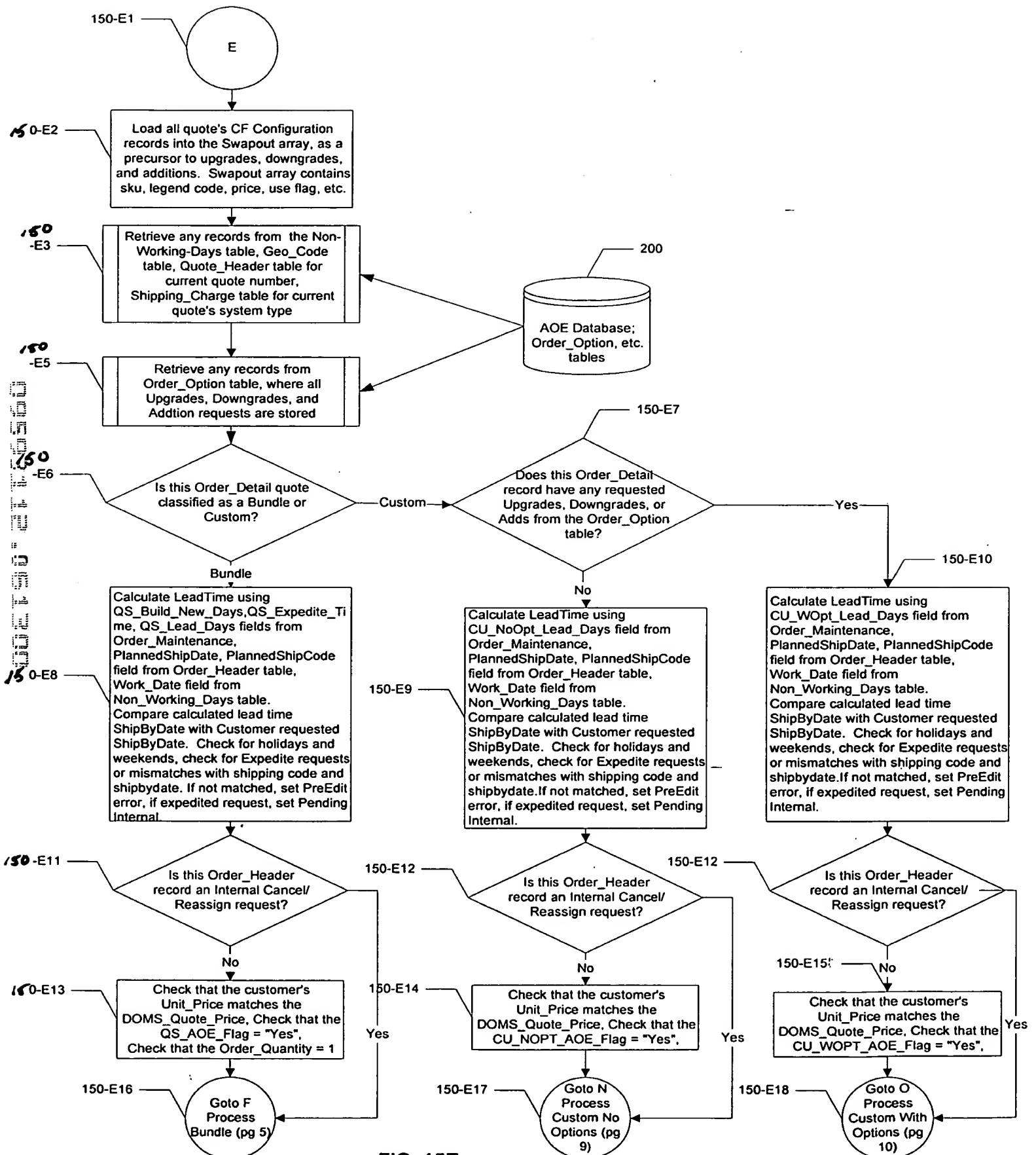


FIG. 15E



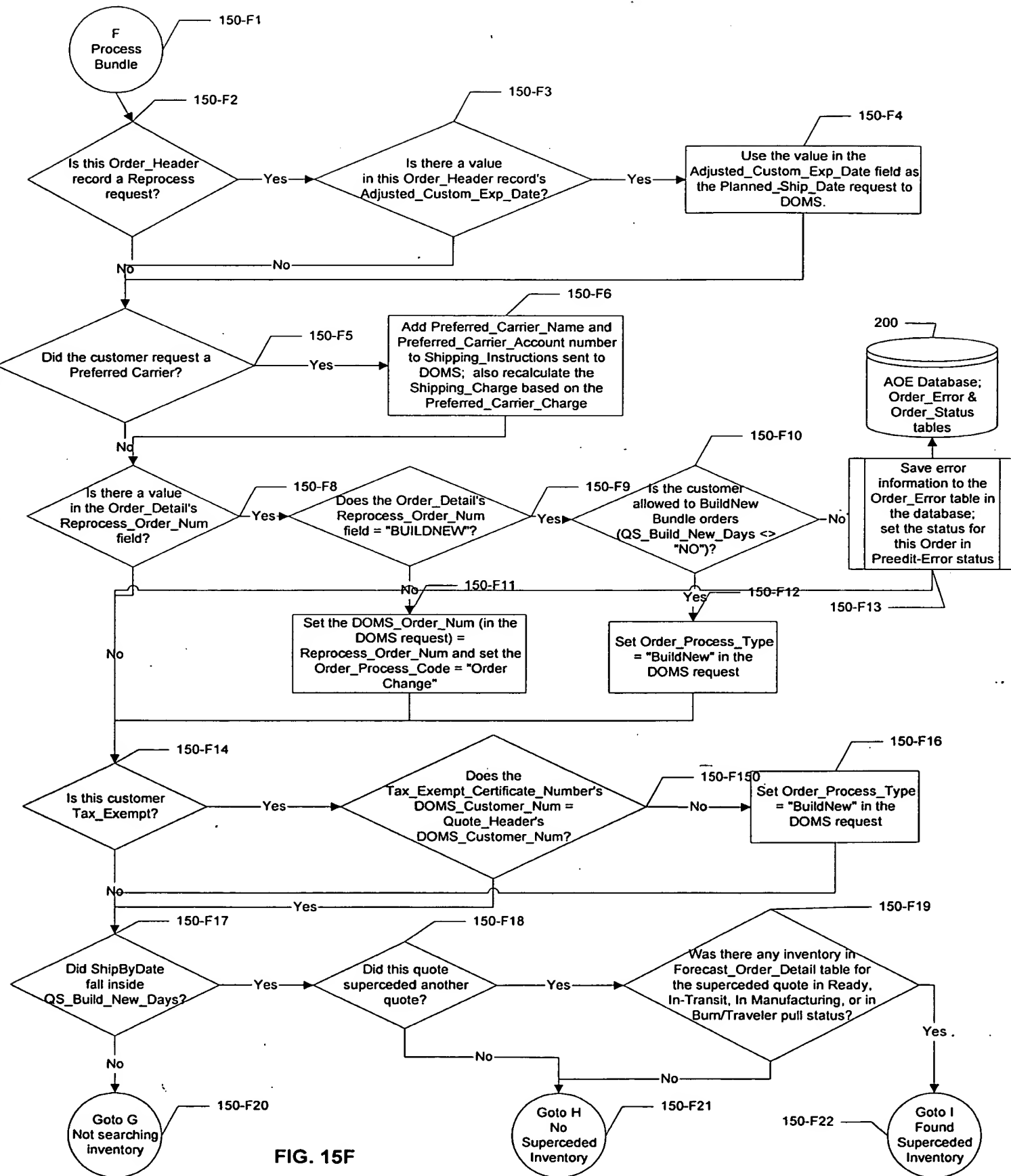
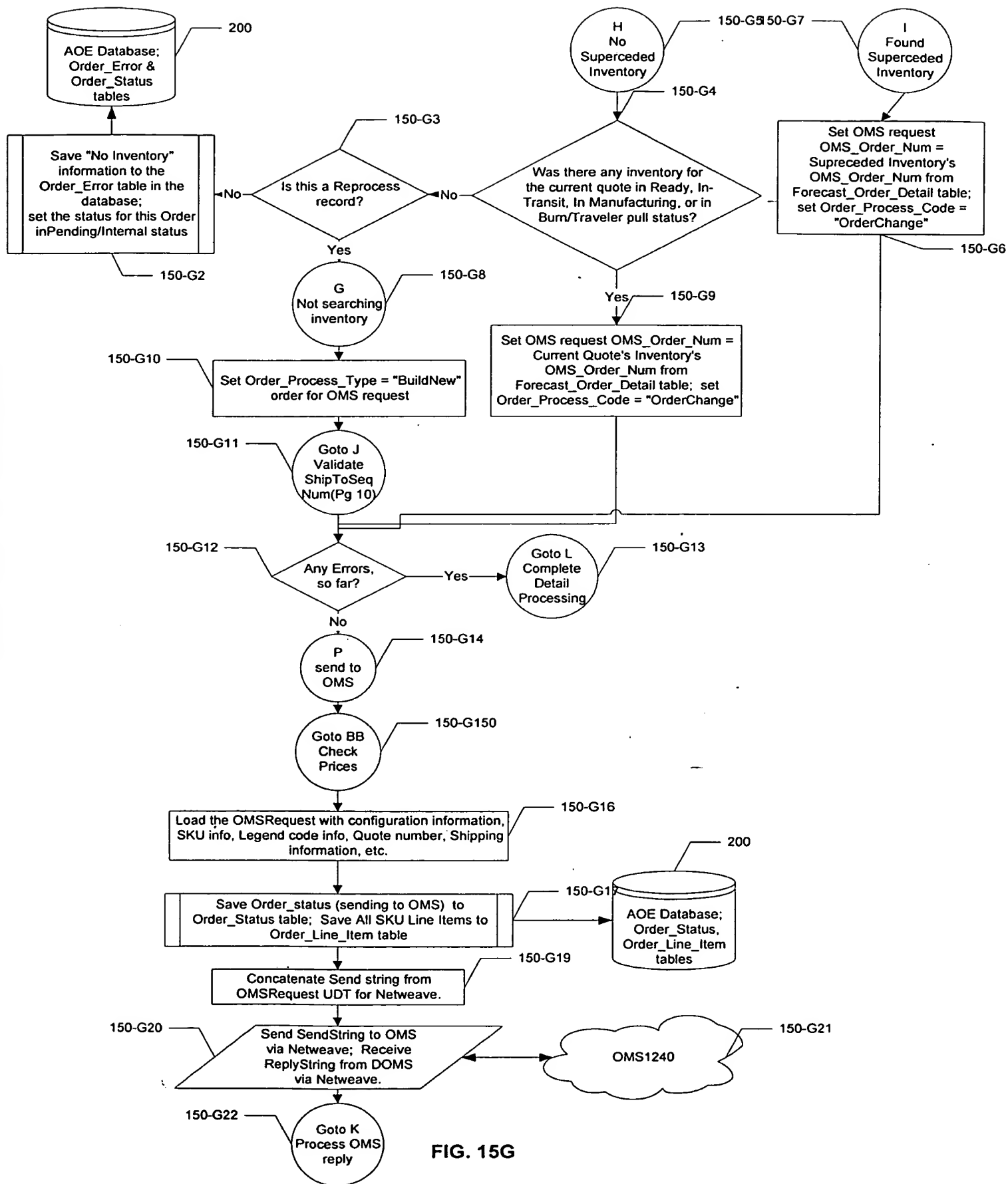


FIG. 15F



```

graph TD
    K((K Process DOMS reply)) --> H2[Deparse Reply String from DOMS1240 into UDT format]
    H2 --> H3{Was the Reply_Code from DOMS successful?}
    H3 -- "Fatal Error (99)" --> H8[Save error information to the Order_Error table in the database; set the status for this Order in Preedit-Internal/Pending-Error status]
    H8 --> H9((Goto L Complete Detail processing))
    H3 -- "Successful (00)" --> H10[Populate Order information into Release Array for email notification]
    H10 --> H11{Was this a CreditCard order?}
    H11 -- Yes --> H12[Save CreditCard Payment amount to CreditCard table]
    H12 --> DB1[(AOE Database; Order_Credit_Card table)]
    H11 -- No --> H14{Was this a Order_Change order using inventory?}
    H14 -- Yes --> H16[Set Forecast_Order_Detail record = "Used" for the inventory we just used]
    H16 --> DB2[(AOE Database; Forecast_Order_Detail table)]
    H14 -- No --> H17{DOMS1240 Reply's Add_Ship_To_Seq_Num = "Yes"?}
    H17 -- Yes --> H18[Increment ALLOCATED_SEQ_NUM_USED in ShipToSeqNum table]
    H18 --> DB3[(AOE Database; ShipToSeqNum table)]
    H17 -- No --> H20((Goto L Complete Detail processing))
    H18 --> H20
    H3 -- "Geocode Error (88)" --> H5[Save City, State, Zip information to Geocode table]
    H5 --> DB4[(AOE Database; Geo_Code table)]
    H5 --> H6((Goto L Complete Detail processing))
  
```

FIG. 15H

FIG. 15H

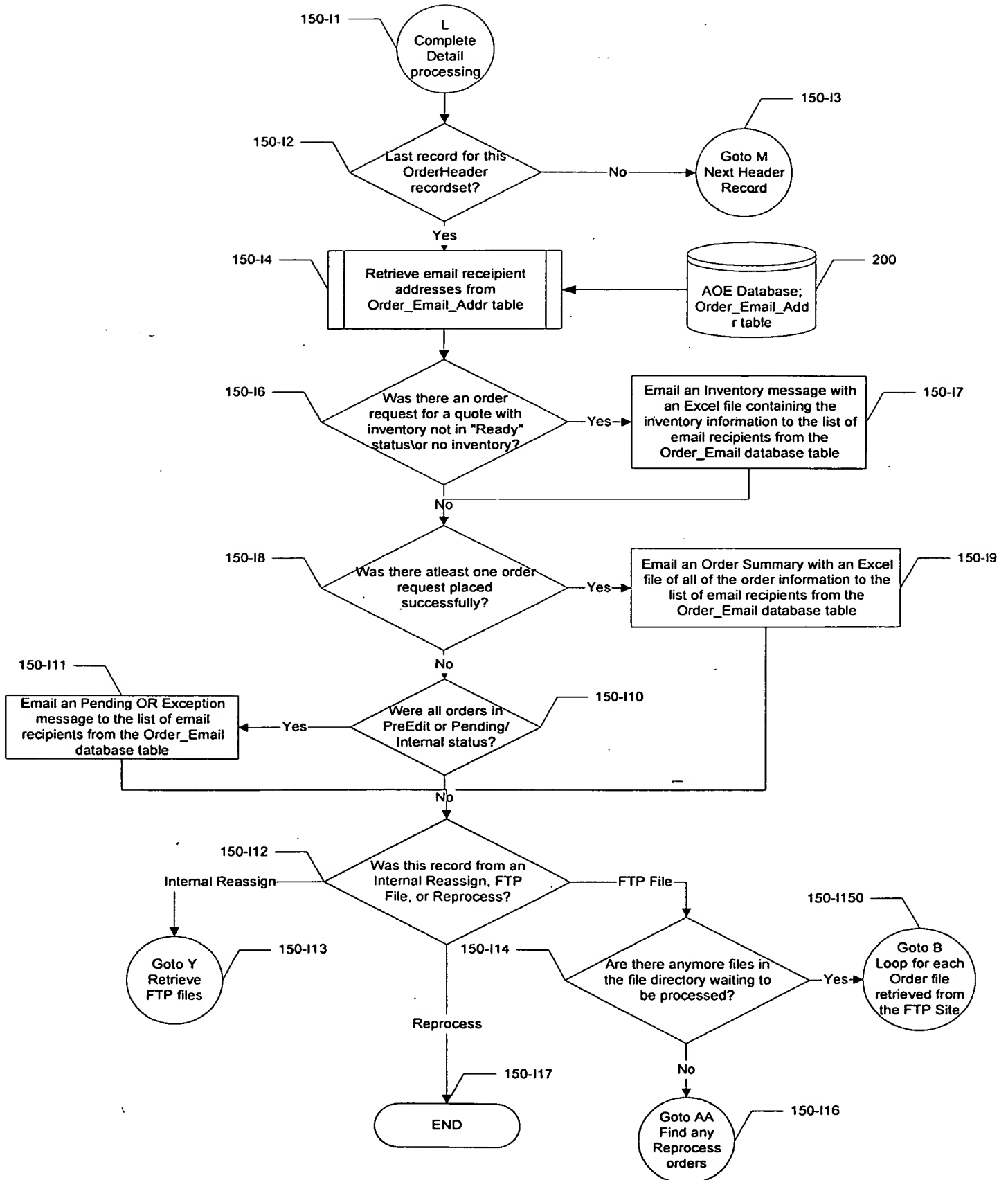


FIG. 151

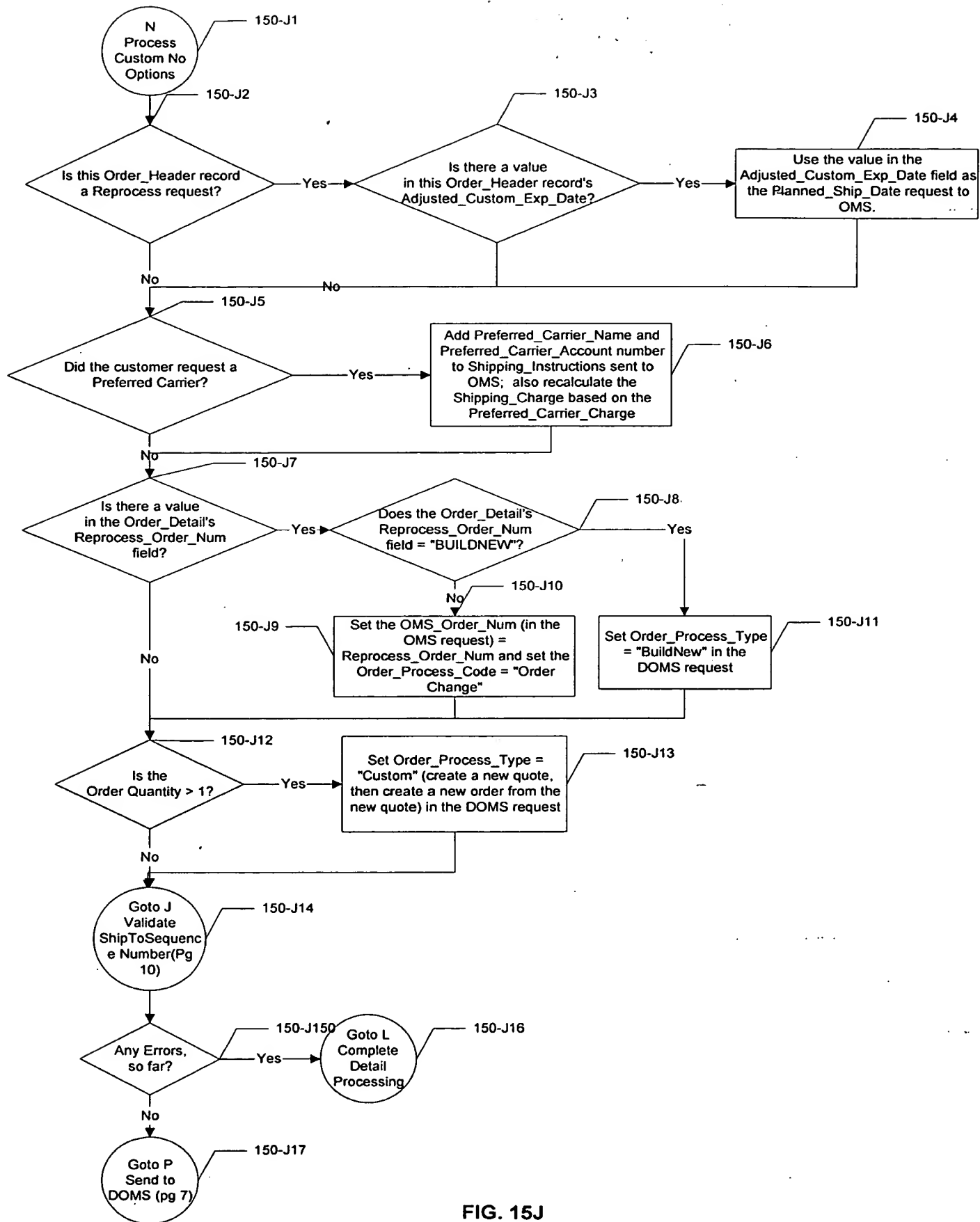


FIG. 15J

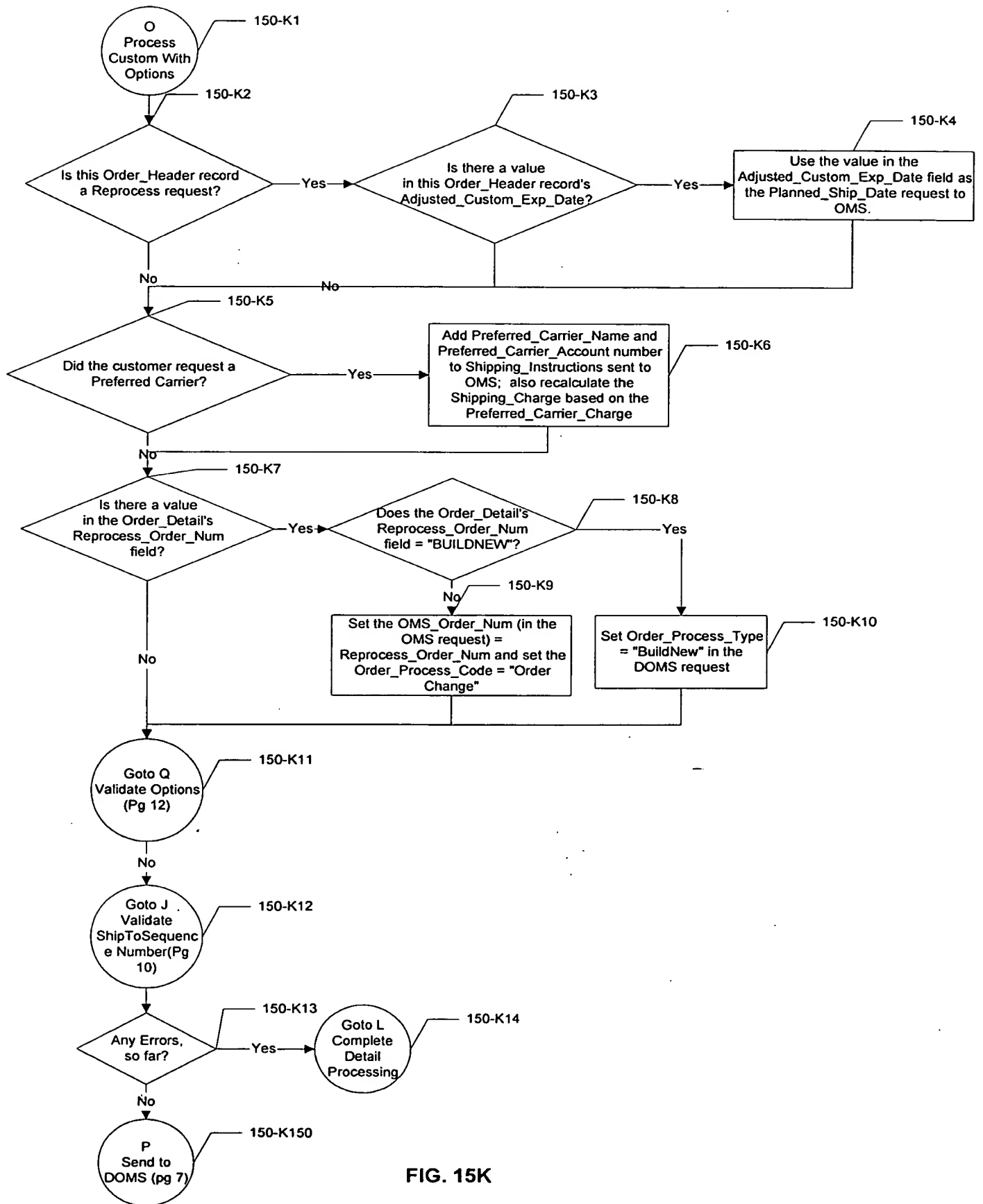


FIG. 15K

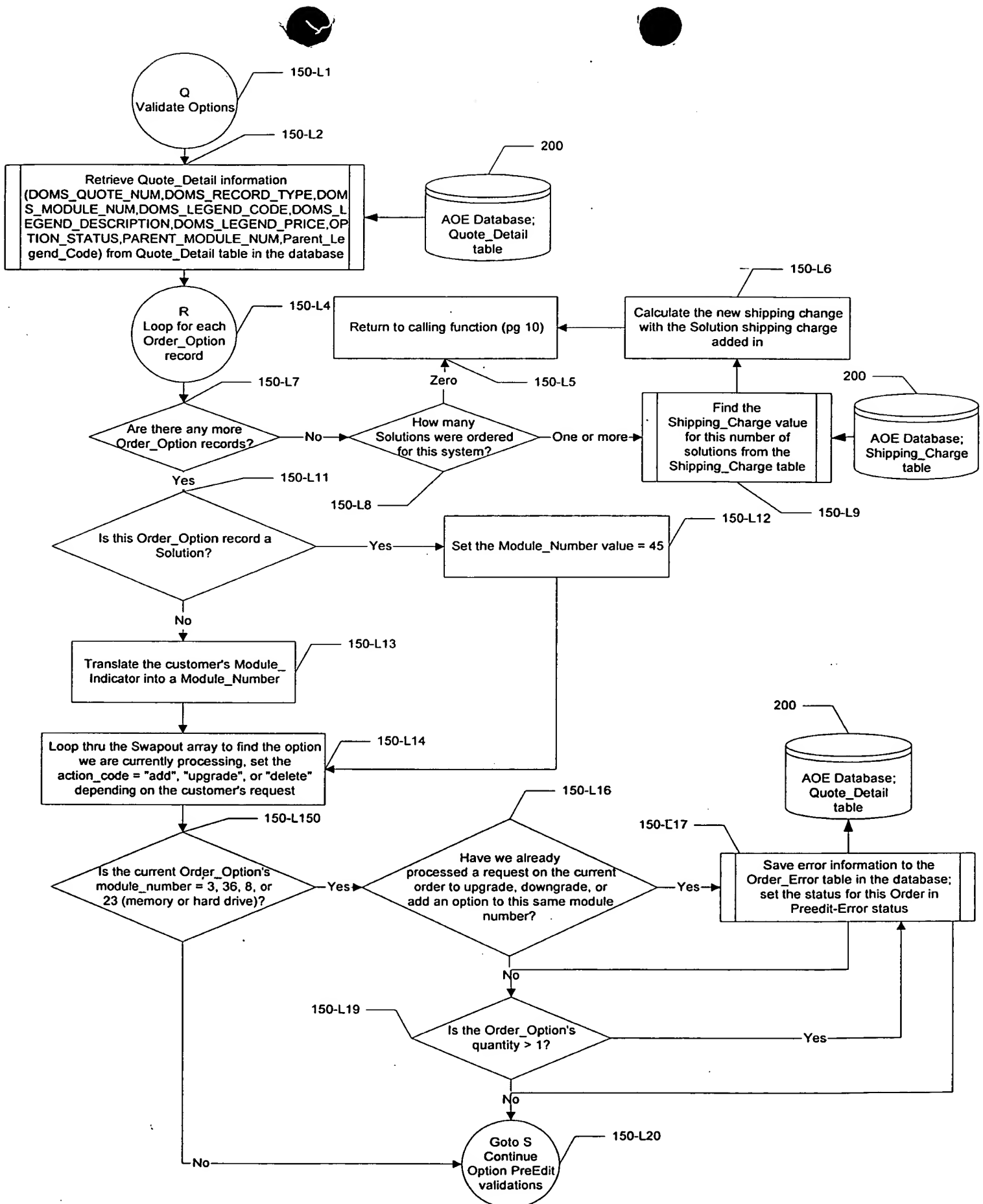


FIG. 15L

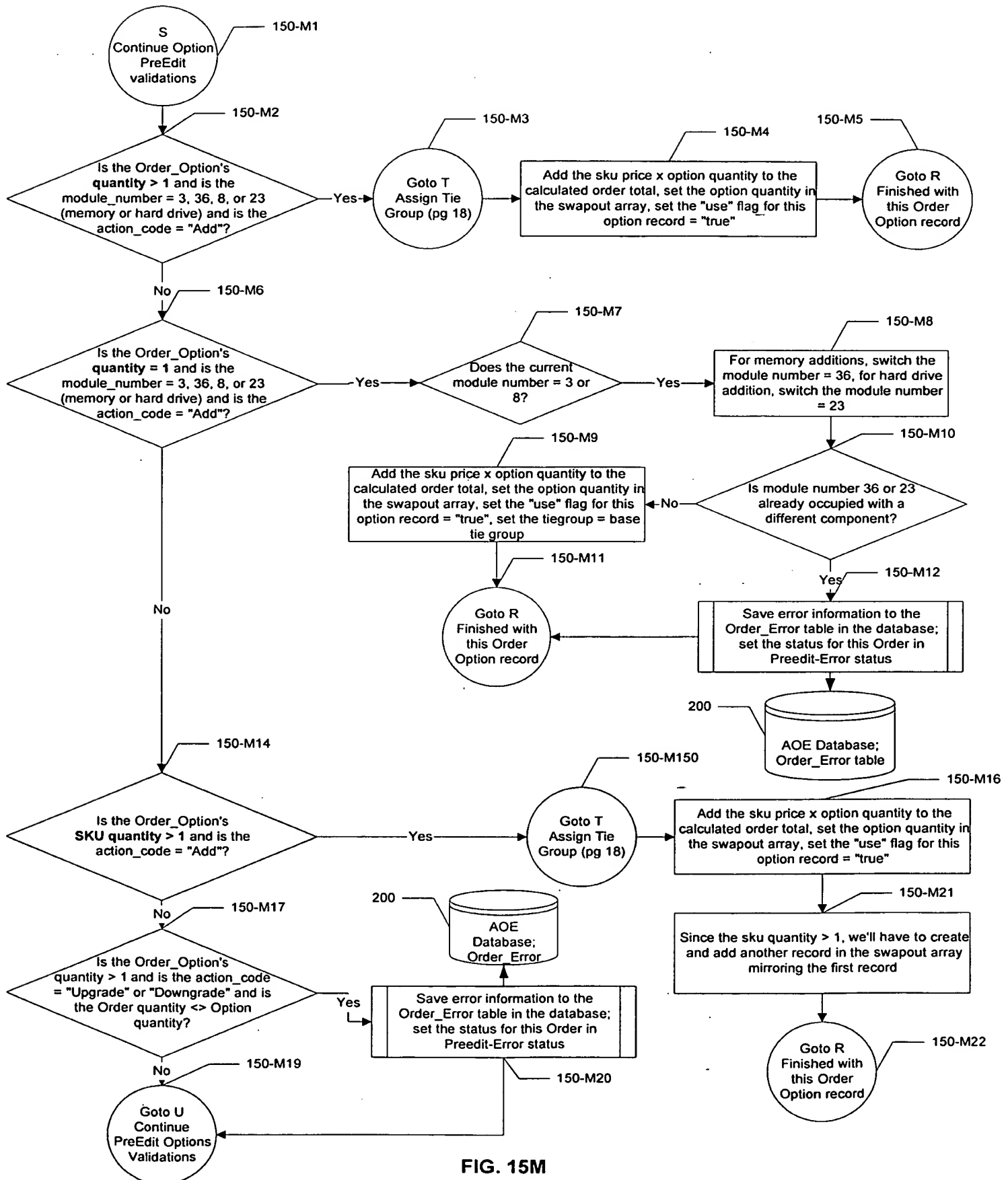


FIG. 15M



```

graph TD
    150-N1((U Continue PreEdit Options Validations)) -- 150-N2 --> 150-N2{Is the Order_Option's action_code = "Upgrade"?}
    150-N2 -- Yes --> 150-N3{Have we already processed a request on the current order to upgrade or downgrade an option to this same module number?}
    150-N2 -- No --> 150-N17((Goto V PreEdit Option Downgrade))
    150-N3 -- Yes --> 150-N4((Goto R Finished with this Order Option record))
    150-N3 -- No --> 150-N7{Is this an Option Upgrade to a Solution Option in this Order?}
    150-N7 -- Yes --> 150-N5{Is this Option's parent Solution being added to the order?}
    150-N7 -- No --> 150-N9[Add the sku price x option quantity to the calculated order total, set the option quantity in the swapout array, set the "use" flag for this option record = "true"]
    150-N5 -- Yes --> 150-N8{Is this Option quantity = parent Solution's quantity?}
    150-N5 -- No --> 150-N4
    150-N8 -- Yes --> 150-N9
    150-N8 -- No --> 150-N10[Set the use flag = "true" for the configuration component that is being replaced in the swapout array (because there are less option upgrade components compared to the quantity of configuration components), set the sku price for the upgrading option in the swapout array]
    150-N9 --> 150-N11[Find the Configuration component that this Option Upgrade is replacing in the swapout array]
    150-N11 --> 150-N12{For Solution Upgrades, is the Option quantity = parent Solution's quantity? For normal Upgrades, is the Option quantity = Order Quantity?}
    150-N12 -- Yes --> 150-N14[Set the use flag = "false" for the configuration component that is being replaced in the swapout array, set the sku price for the upgrading option in the swapout array]
    150-N12 -- No --> 150-N10
    150-N14 --> 150-N15((Goto T Assign Tie Group pg 18))
    150-N10 --> 150-N15
    150-N15 --> 150-N16((Goto R Finished with this Order Option record))
    150-N16 --> 150-N4
    150-N17 --> 150-N4
    200[(AOE Database; Order_Error table)]
    150-N4 --> 200
    style 200 fill:#ccc,stroke:#333,stroke-width:1px

```

FIG. 15N

FIG. 15N

0050343 00100

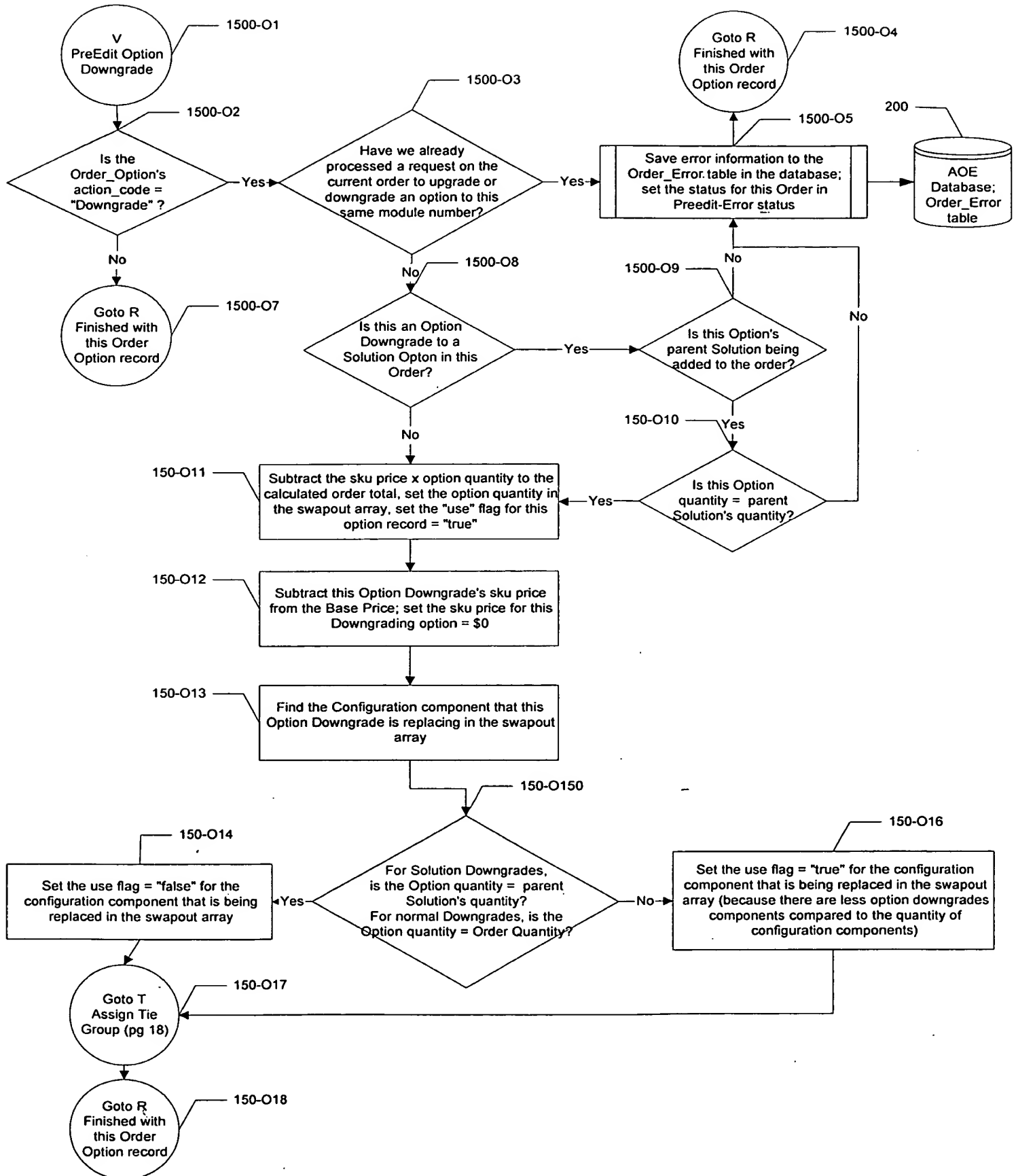


FIG. 150

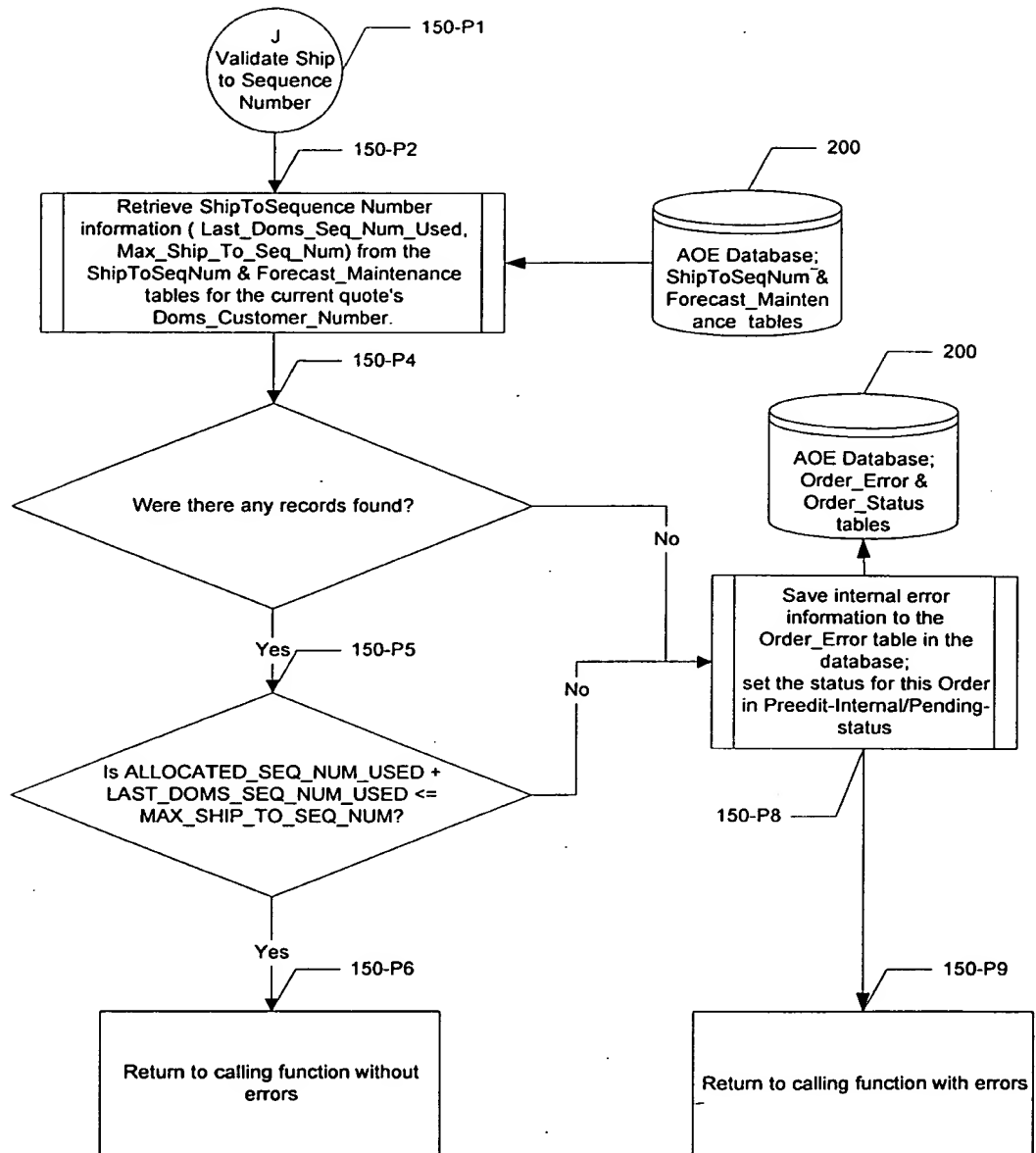


FIG. 15P

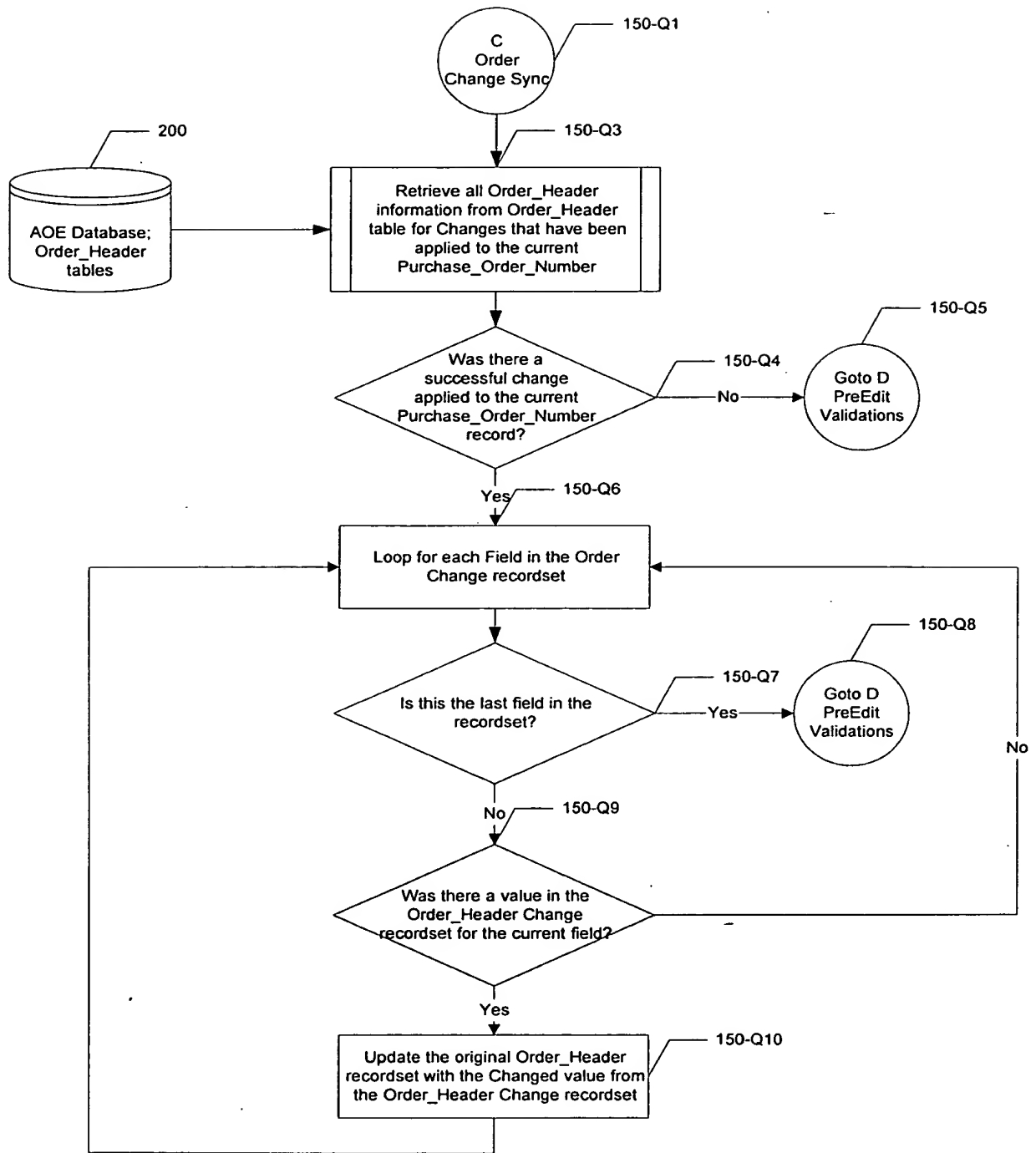


FIG. 15Q

```

graph TD
    Start((T Assign Tie Group)) --> R2{Is there a base on this system?}
    R2 -- Yes --> R3{Is this option factory installed  
(from sku table's factory_installed_flag)?}
    R2 -- No --> R5[Increment the tie group and assign the new tie group to this option]
    R3 -- Yes --> R4[Set this option's tie group = base tie group]
    R3 -- No --> R5
    R4 --> R6[Return to calling fuction]
    R5 --> R6
  
```

**FIG. 15R**

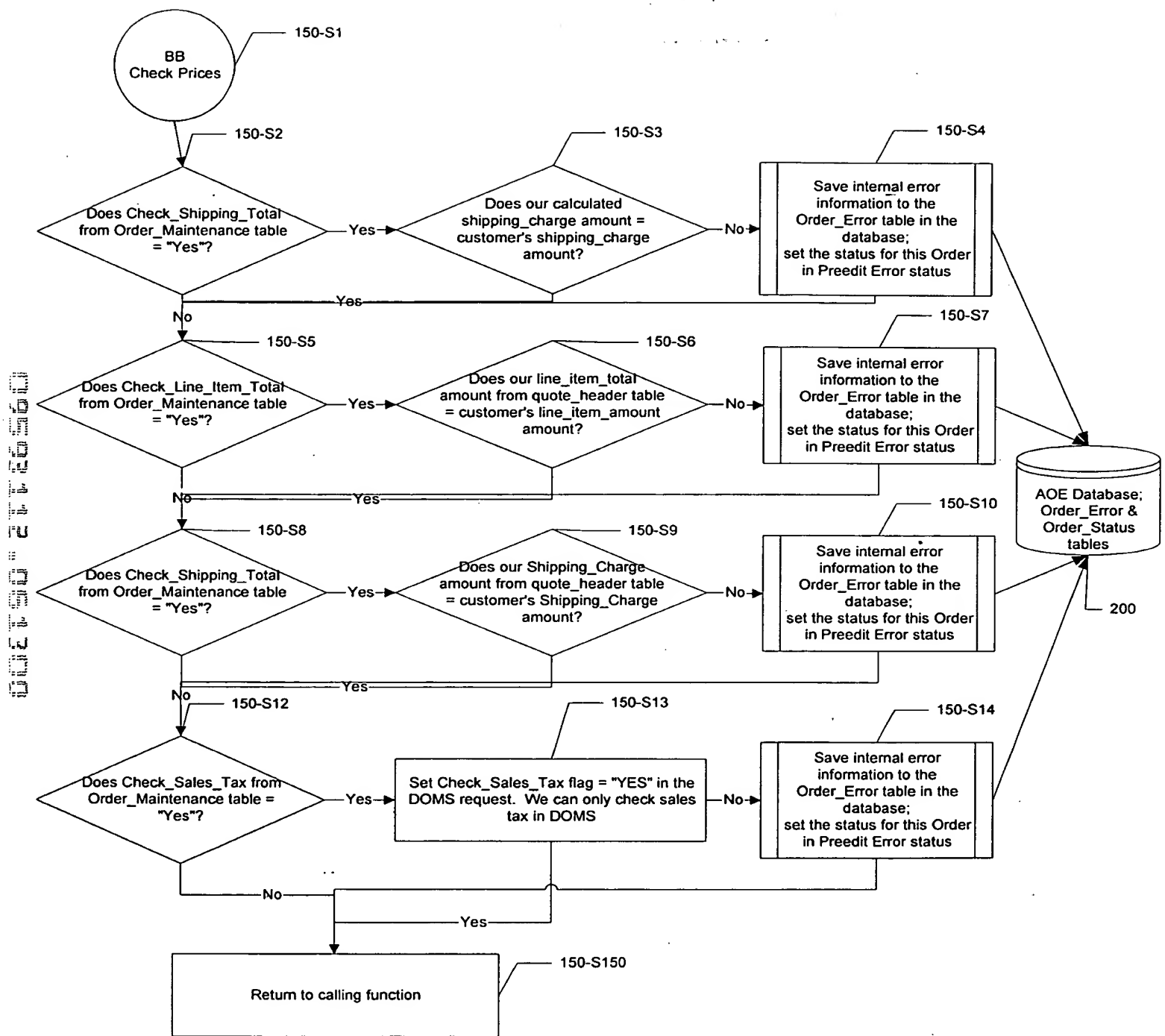


FIG. 15S

```

graph TD
    1600-1[Adding additional rules to a platform 1600-1] --> 1600-2[Providing a buffer program in the disparate platform to deparse data 1600-2]
    1600-2 --> 1600-3[Storing data in the disparate platform according to original rules 1600-3]
  
```

**Fig. 16**

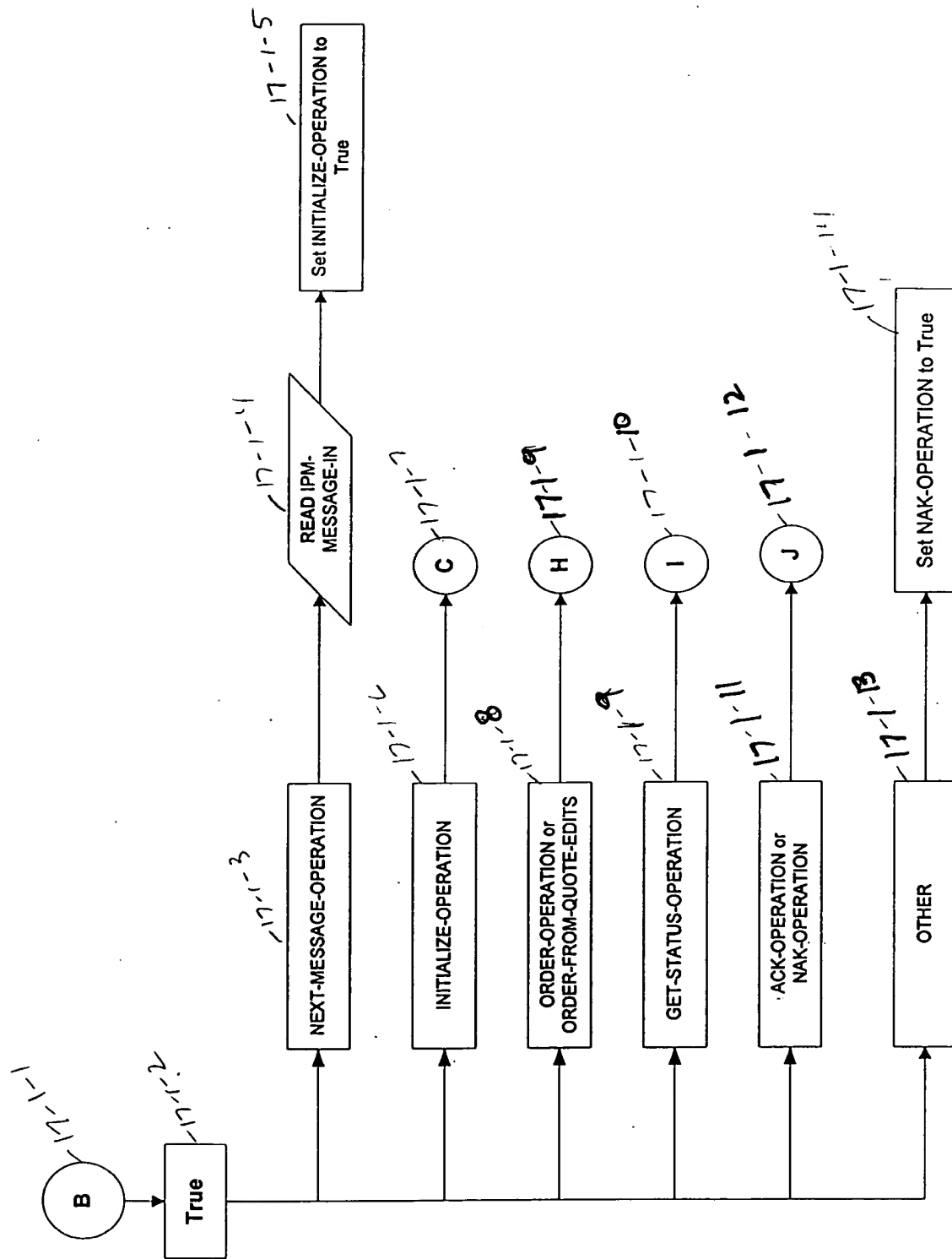


Fig. 17-1



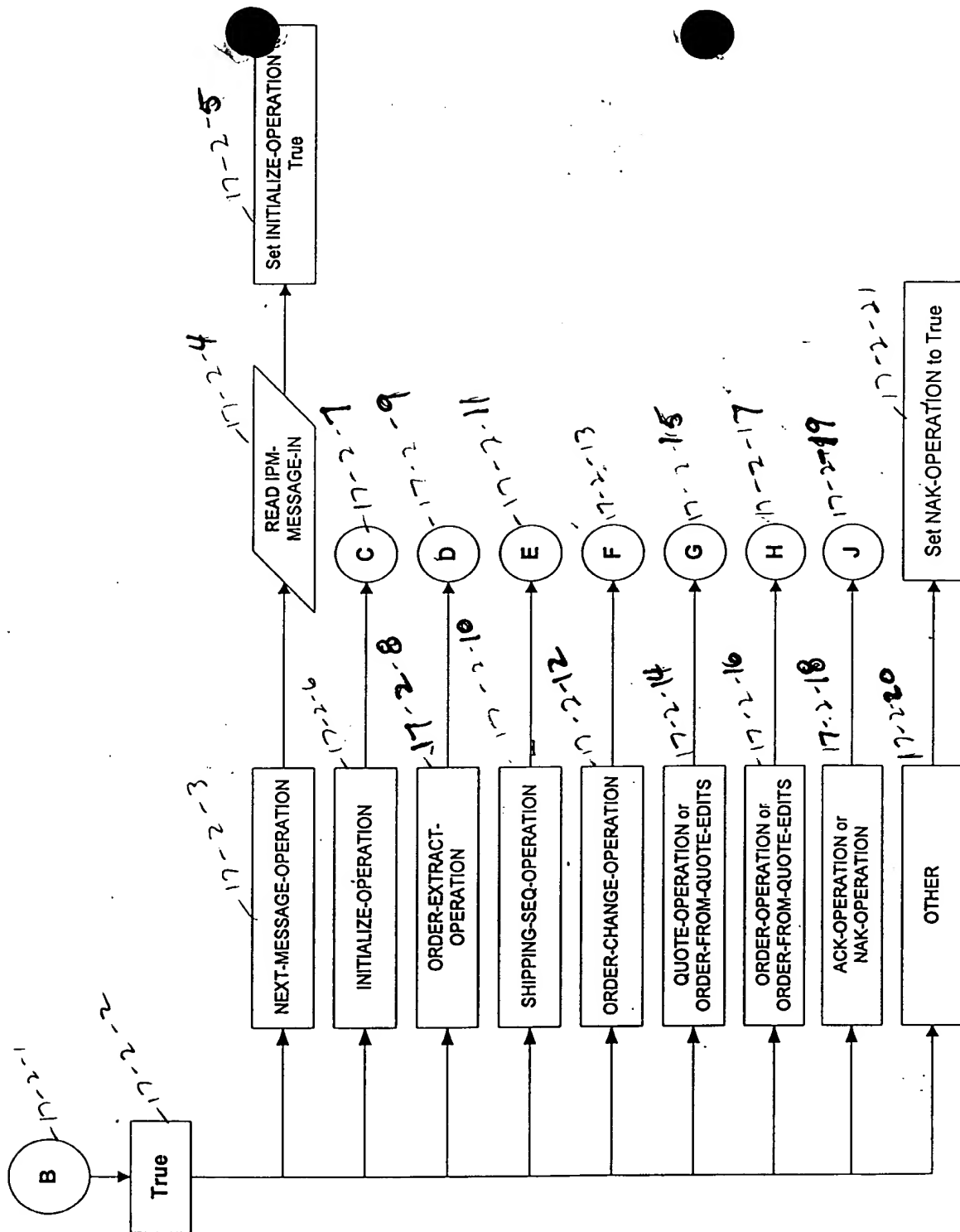
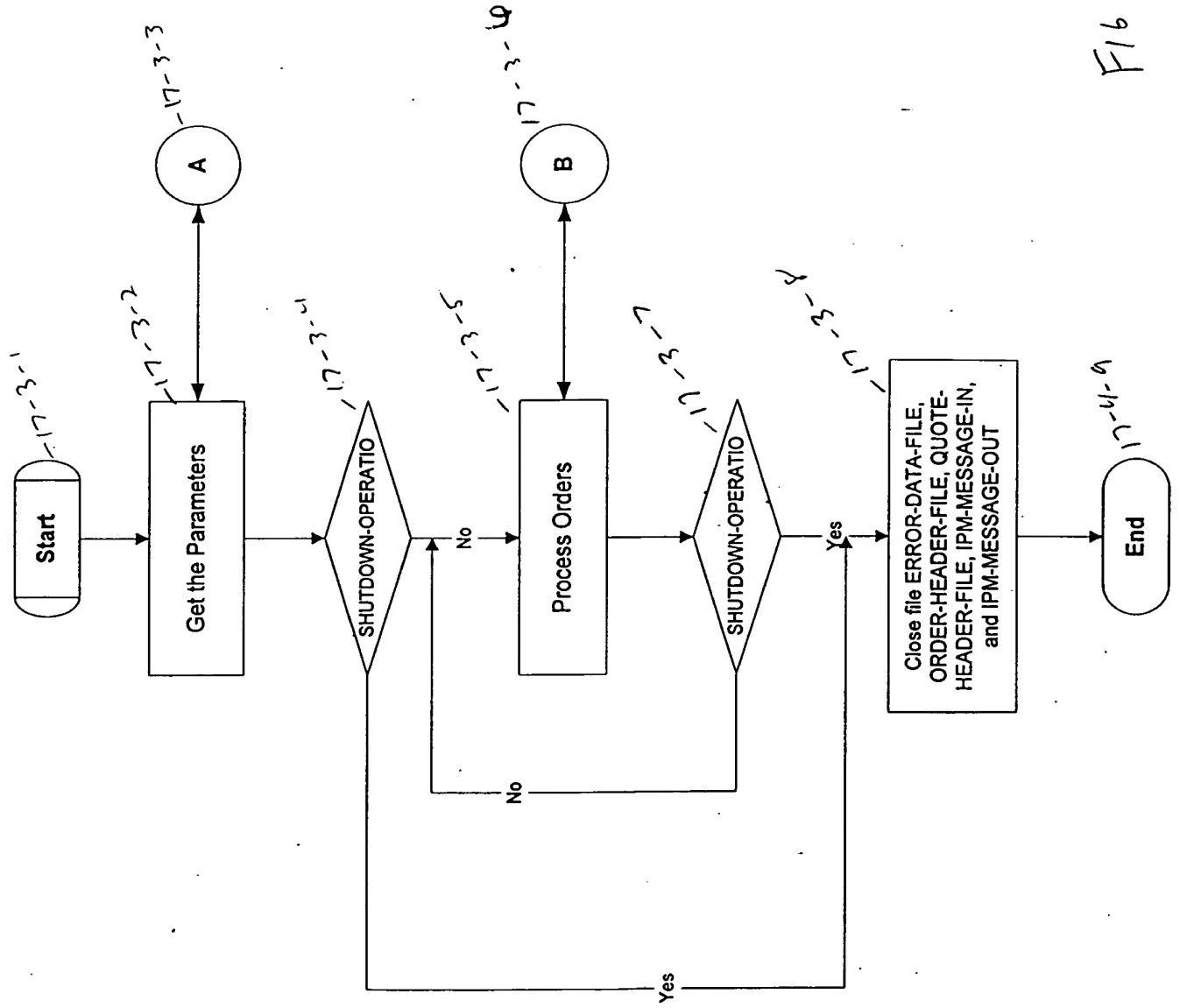


Fig 17-2



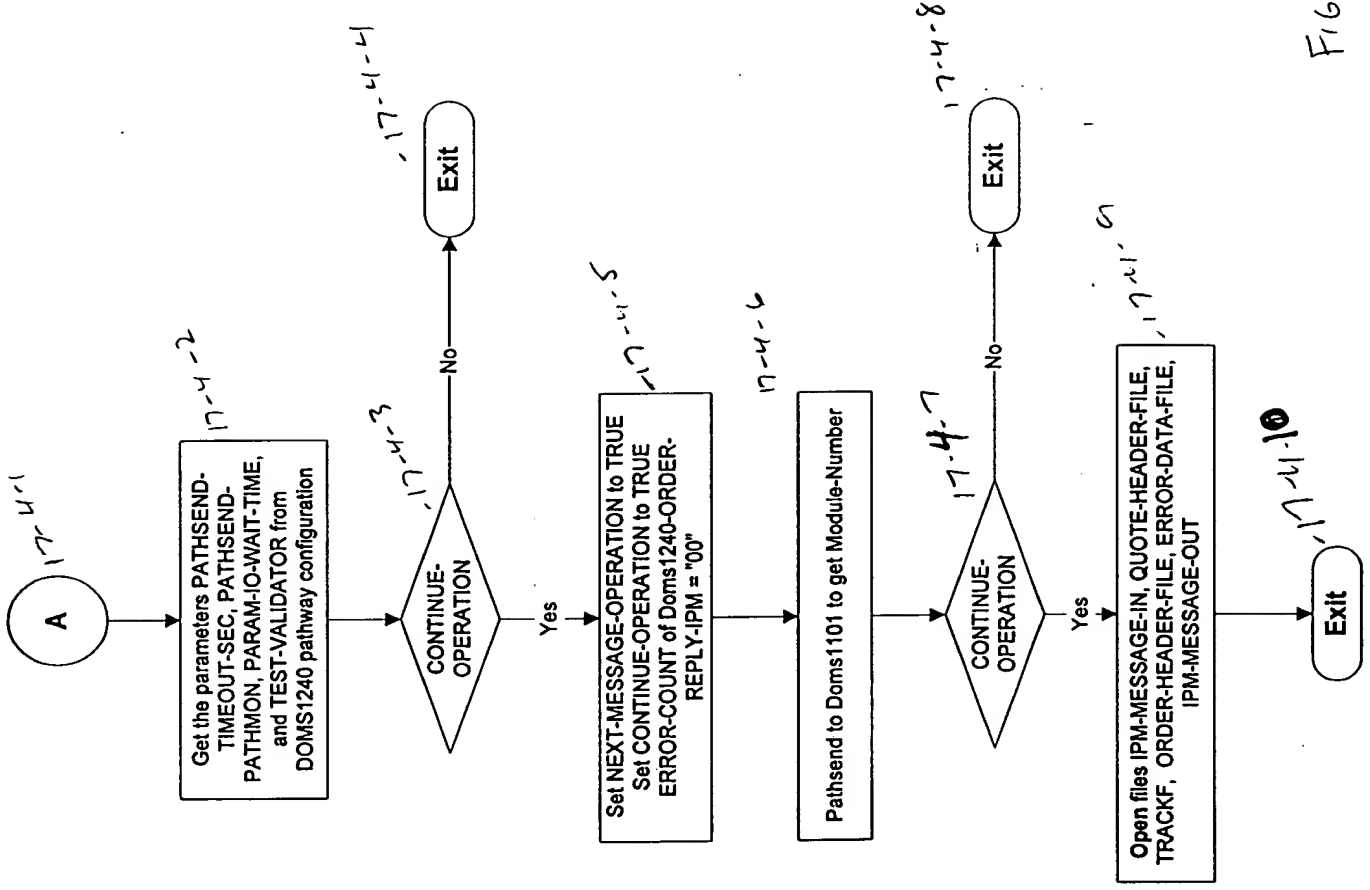
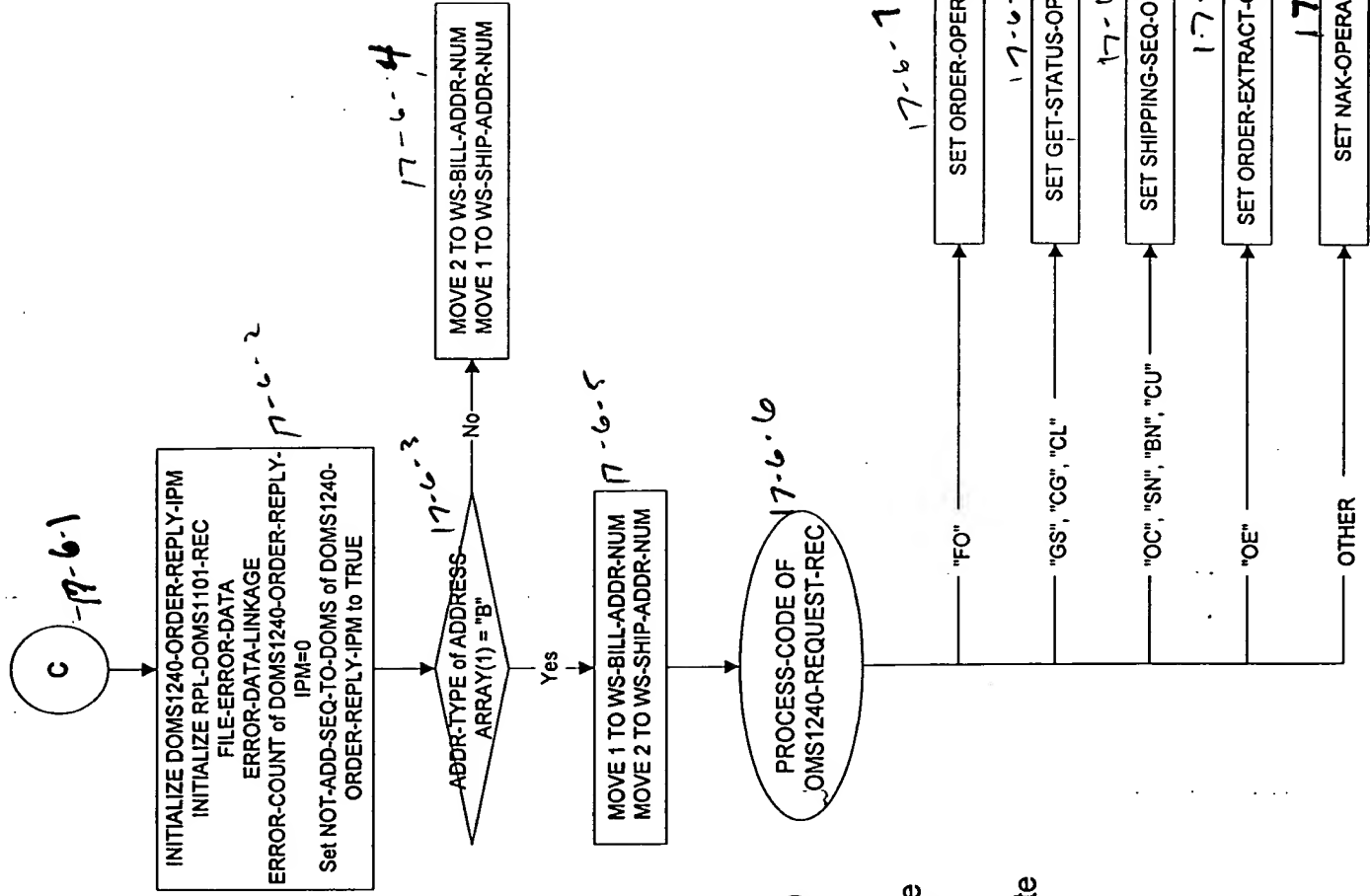


Fig 17-4





Process code values are:

- \* FO = Retrieve a bundled quote (no options)
- \* GS = Retrieve Order Status from Order-Header-File
- \* CG = Order Cancel/Change - Order Change
- \* CL = Order Cancel/Change - Order Cancel
- \* OC = Order Change
- \* BN = Generate an order using existing quote
- \* CU = Customer Orders - generate a quote and an order
- \* SN= Get Ship-To-Seq number

(ORDER-EXTRACT-OPERATION)

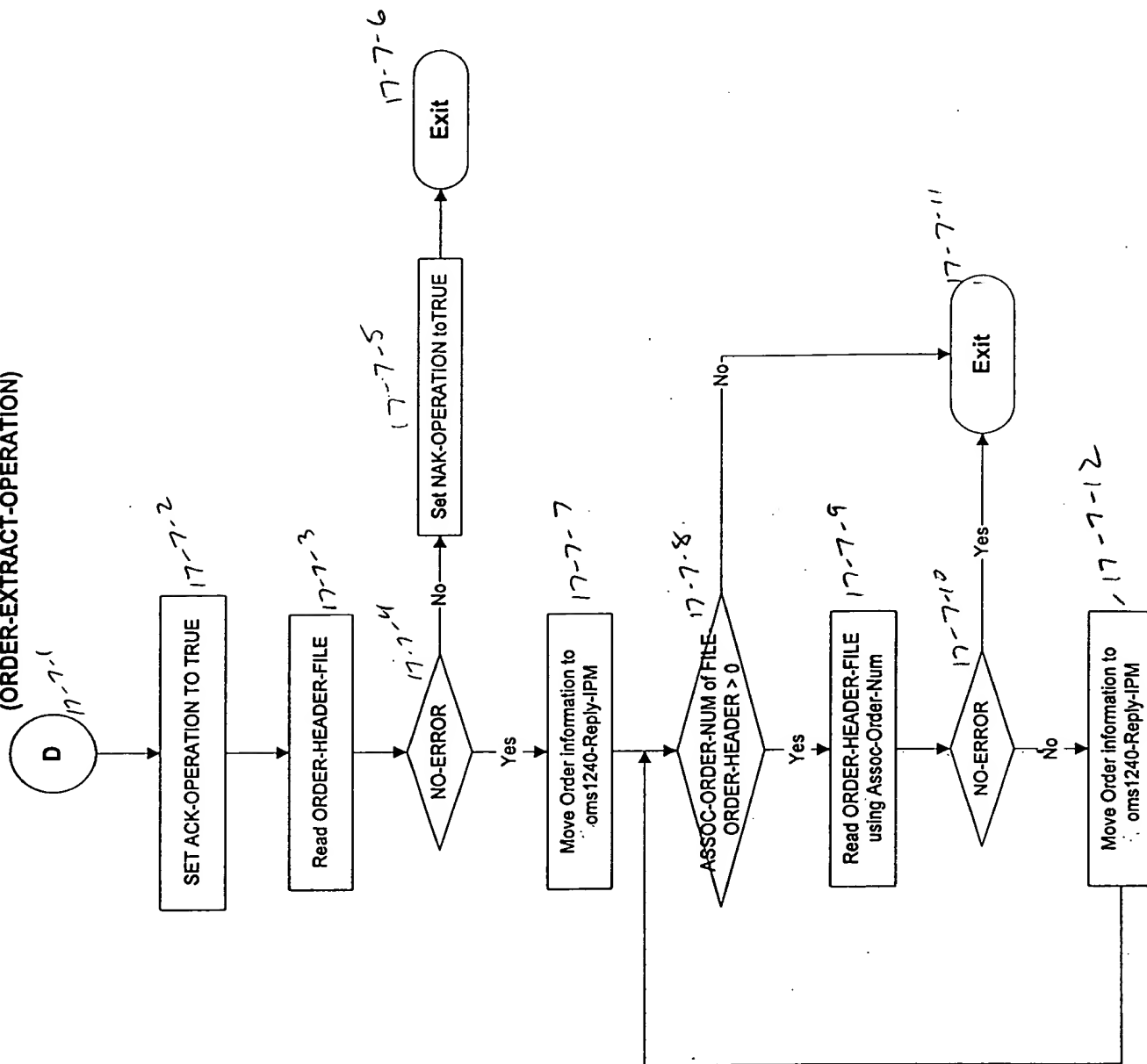


FIG. 17-7

(SHIPPING-SEQ-OPERATION)

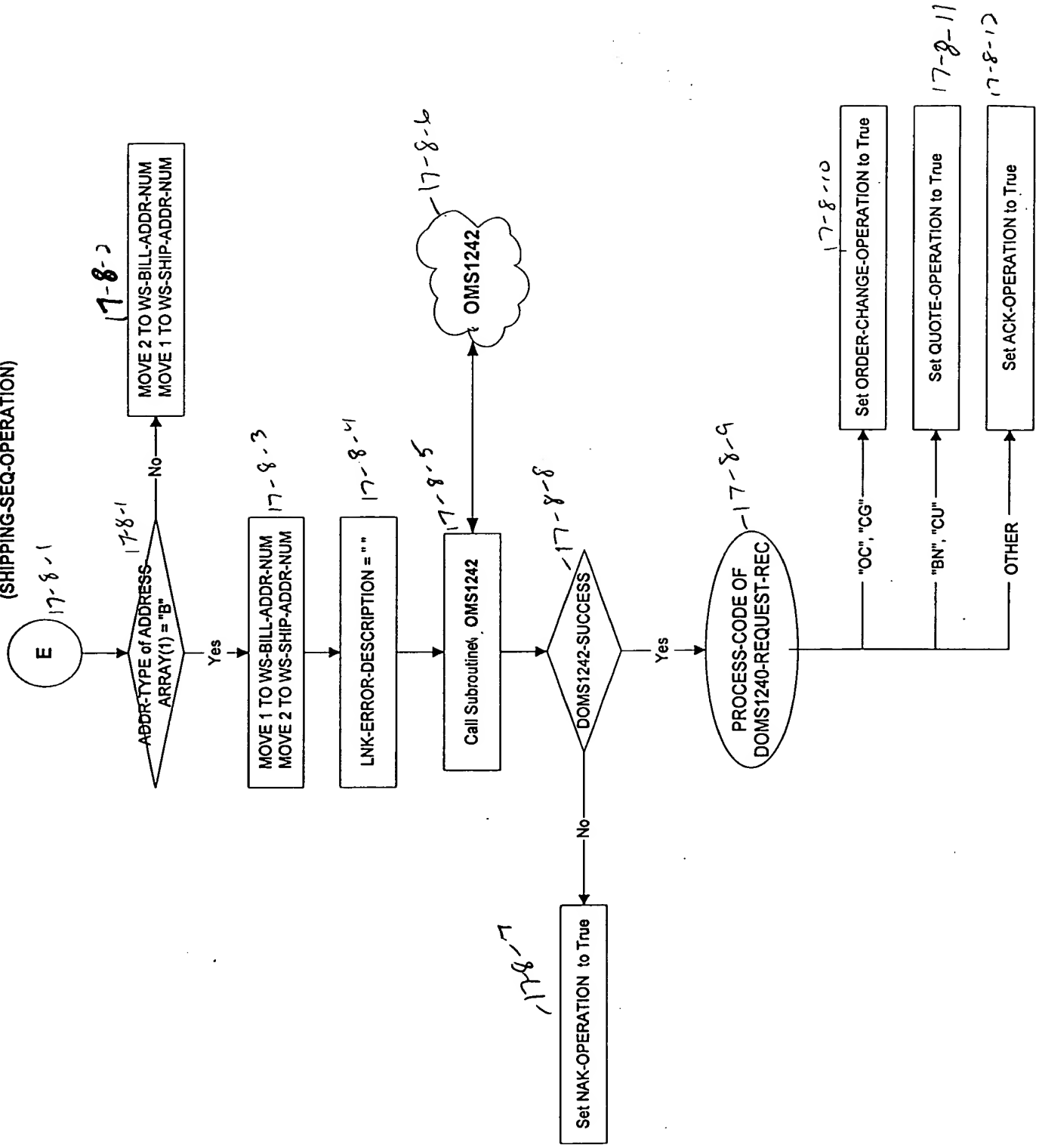


FIG. 17-8

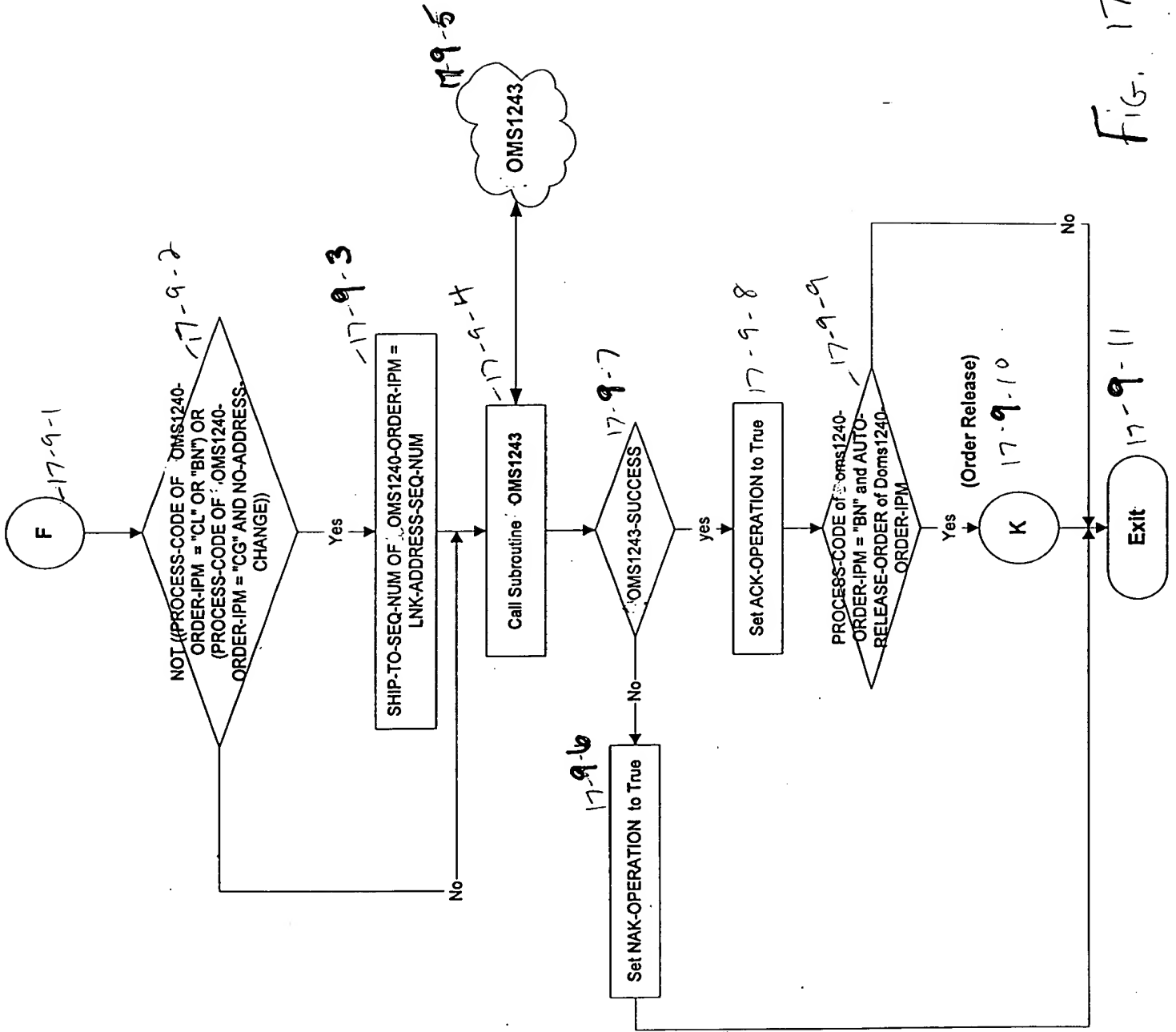


Fig. 17-9





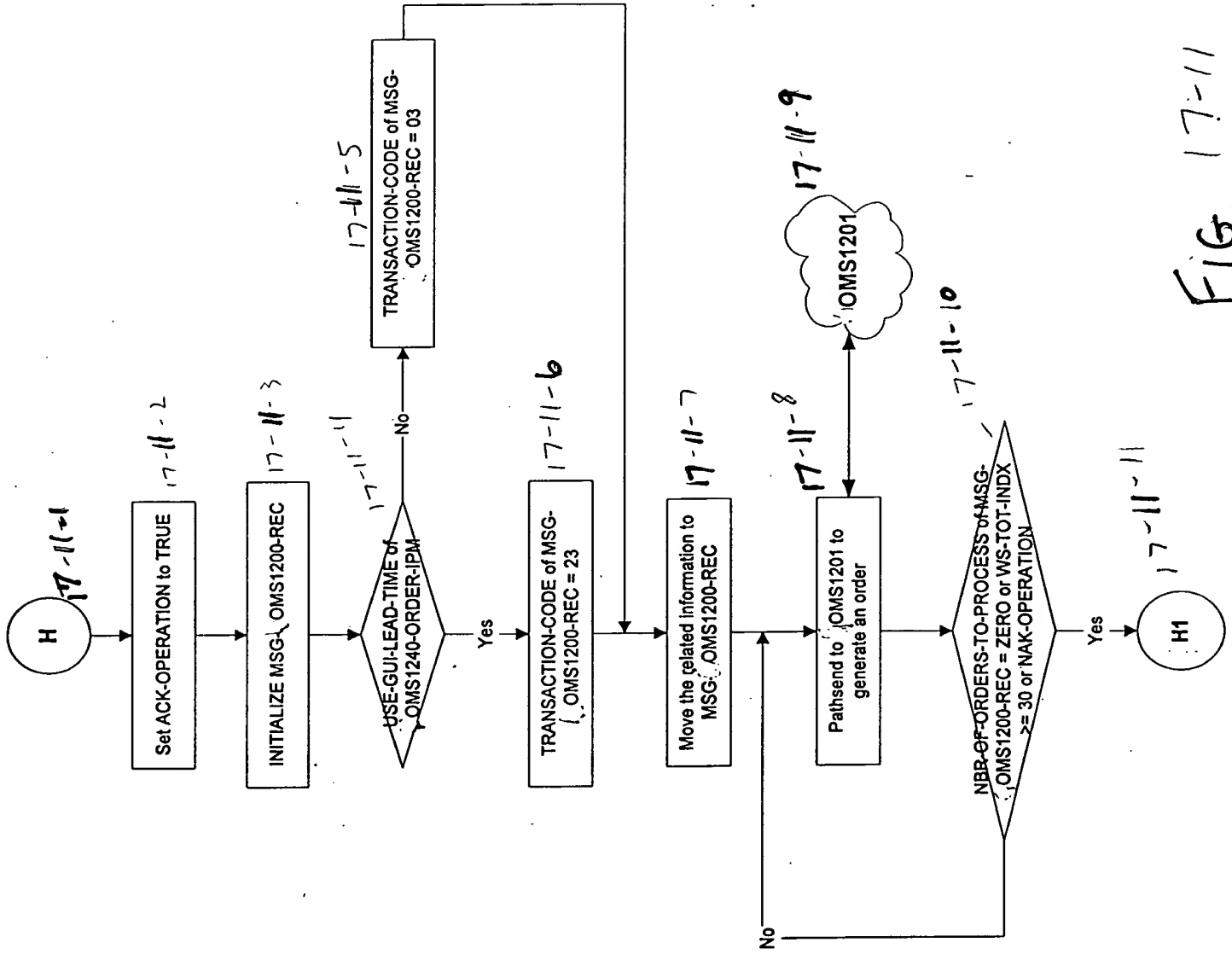


FIG. 17-11



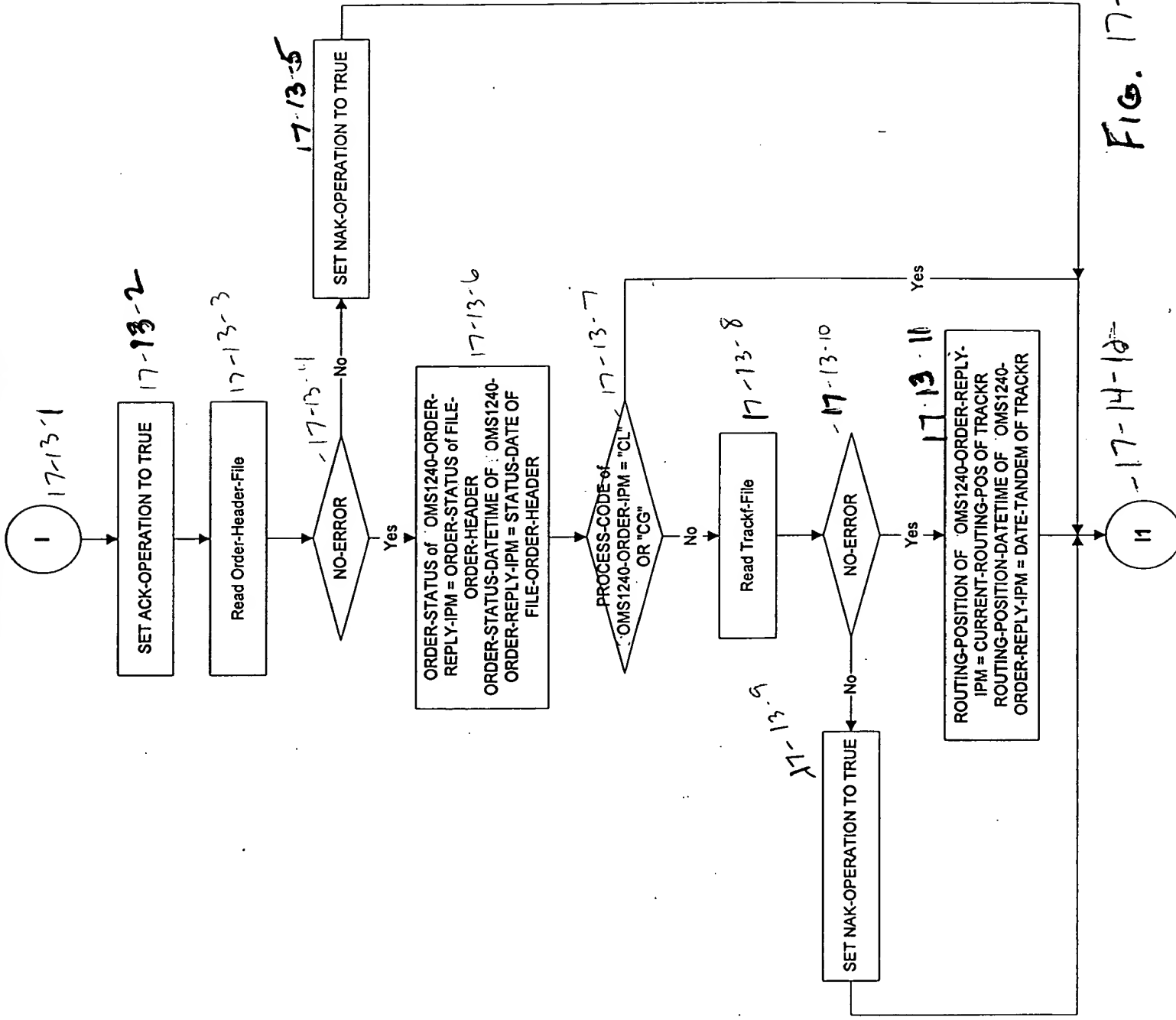


FIG. 17-13

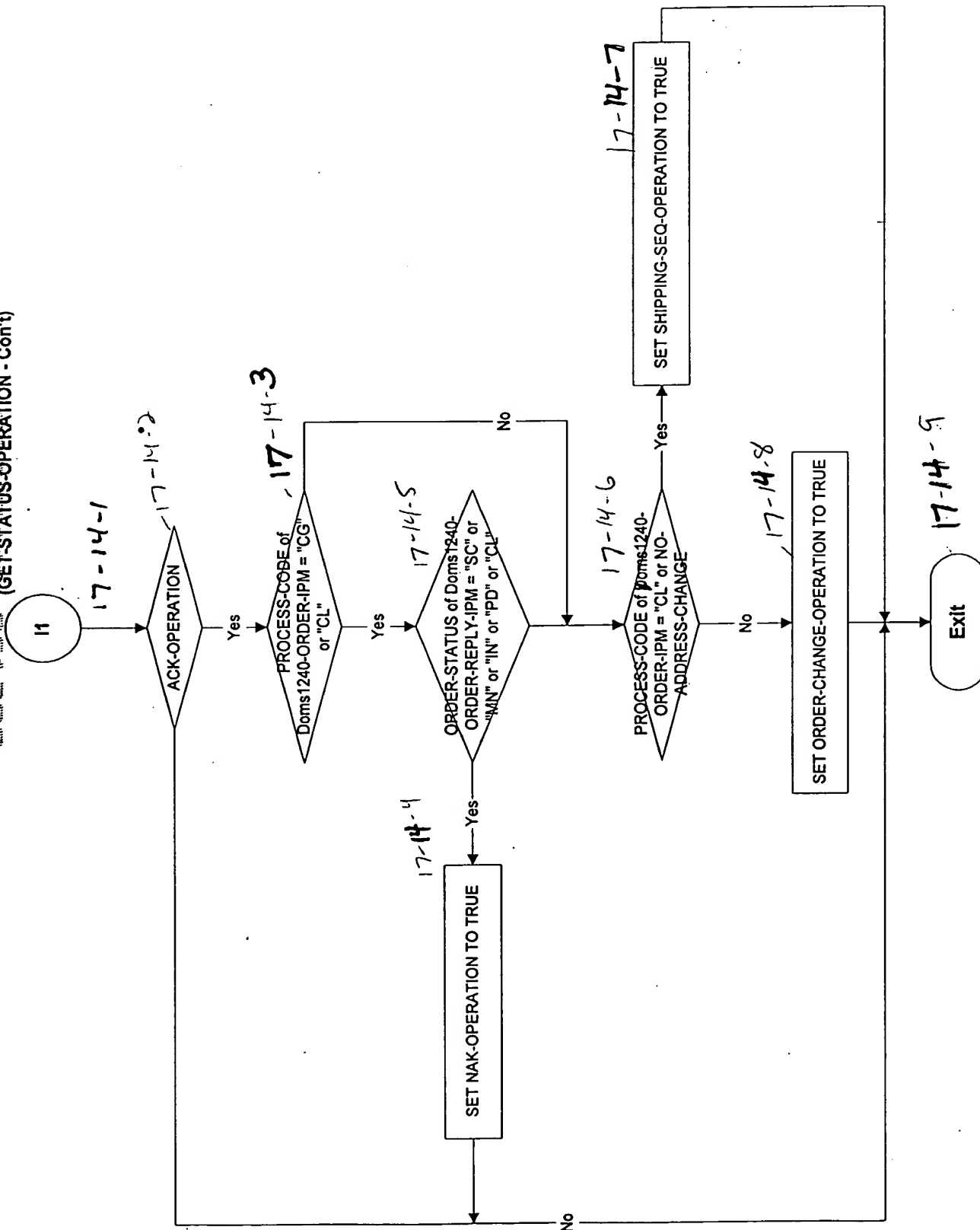


Fig. 17-14.

(ACK-OPERATION or NAK-OPERATION)

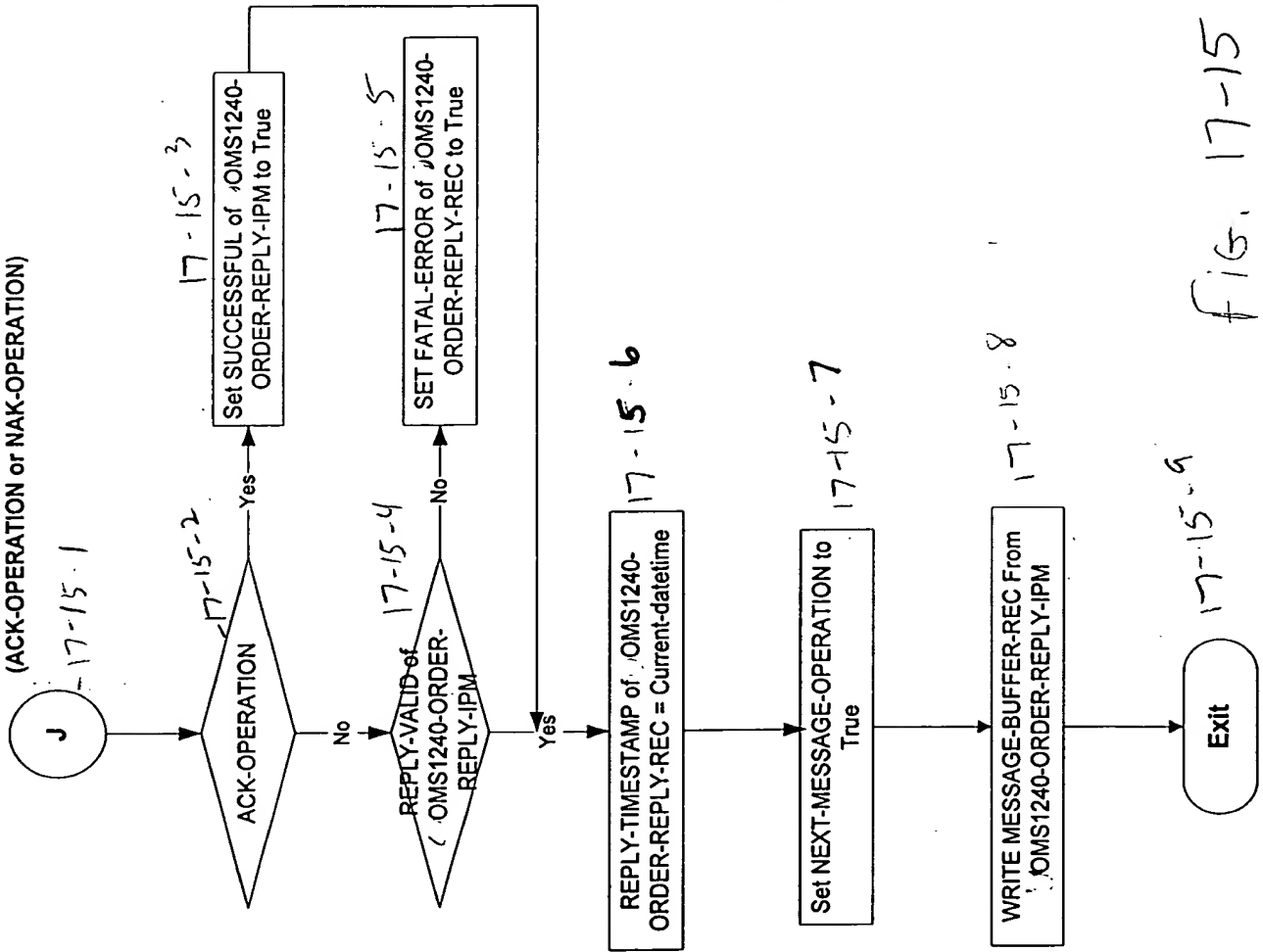


FIG. 17-15

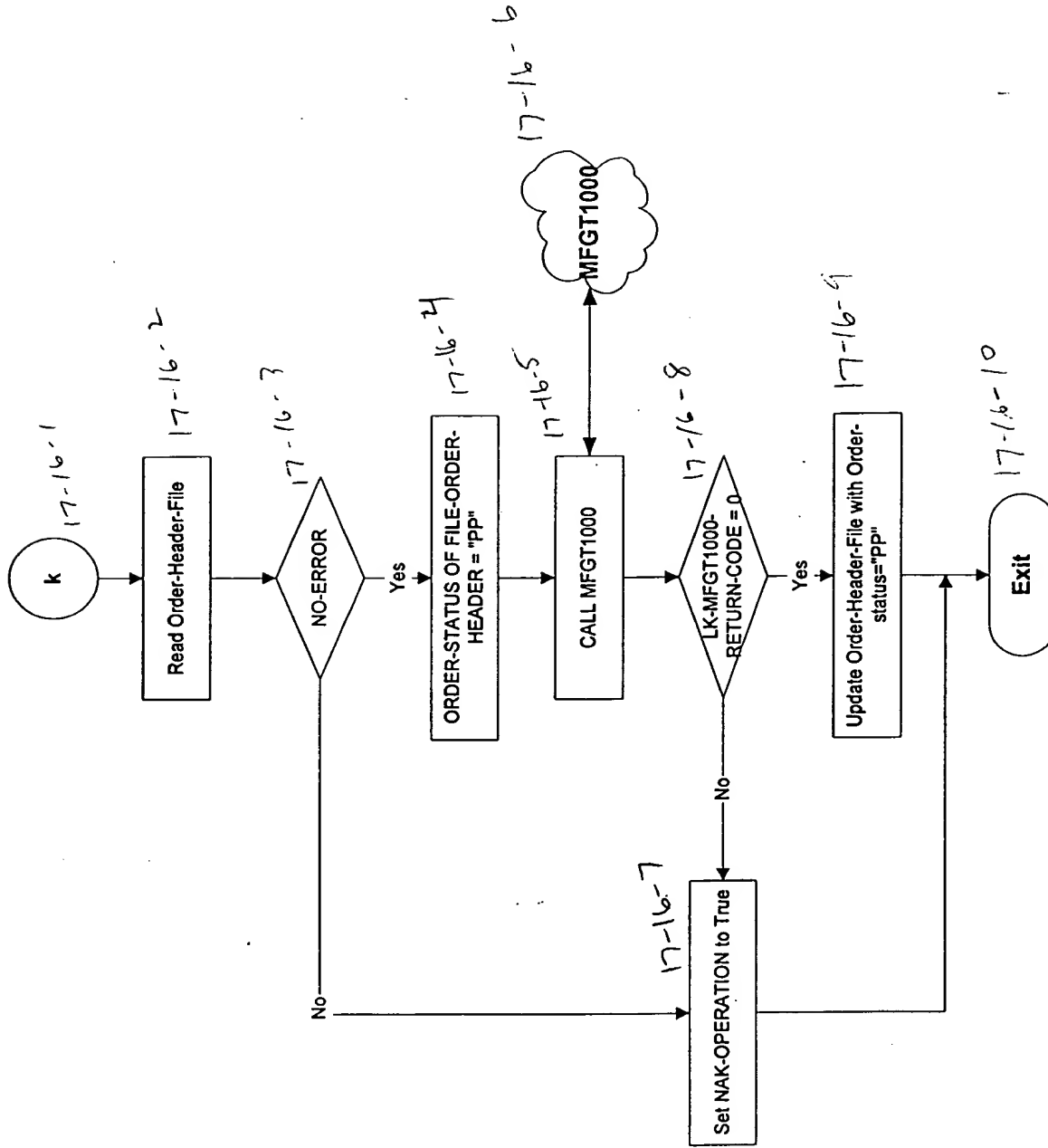
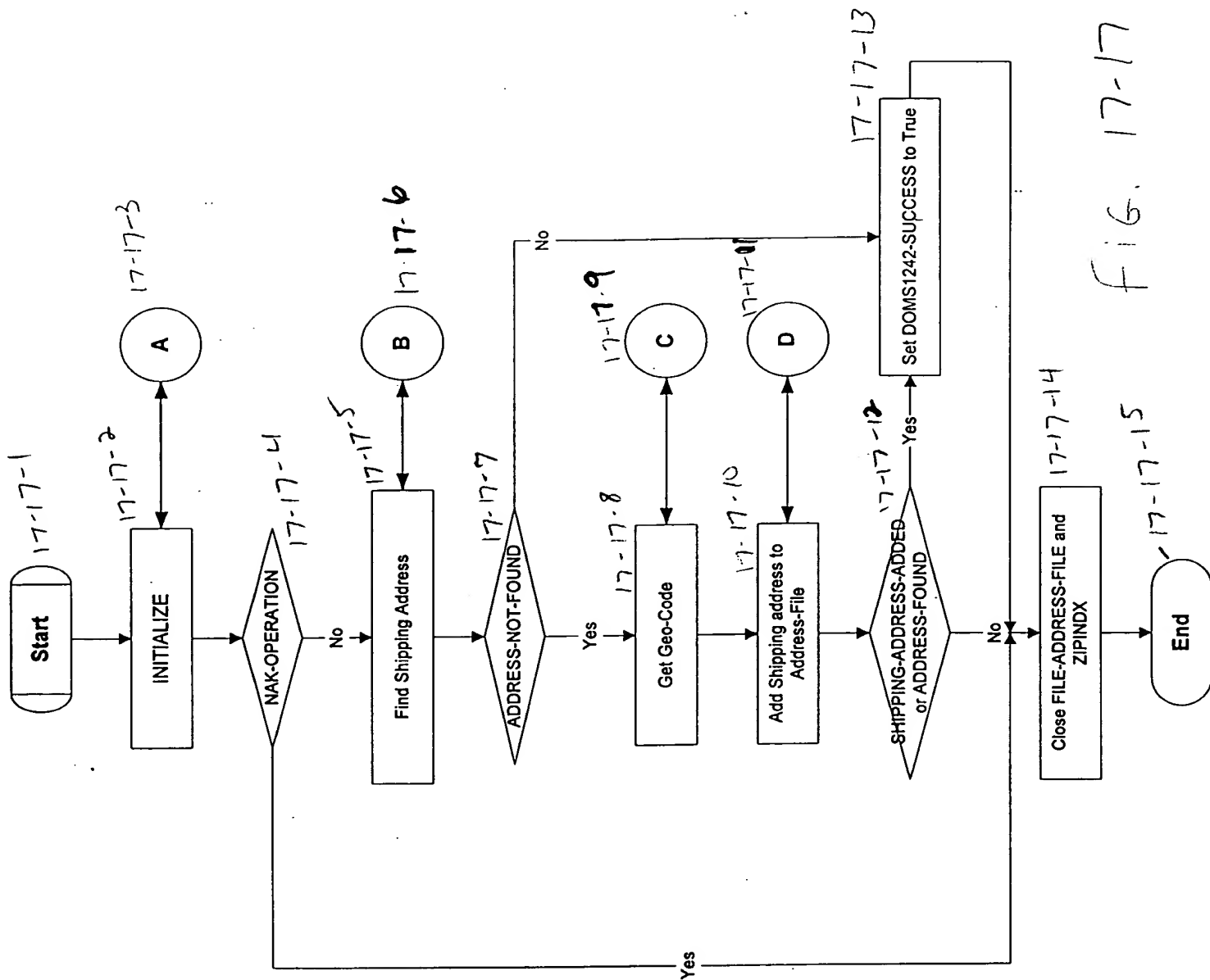


FIG. 17-16





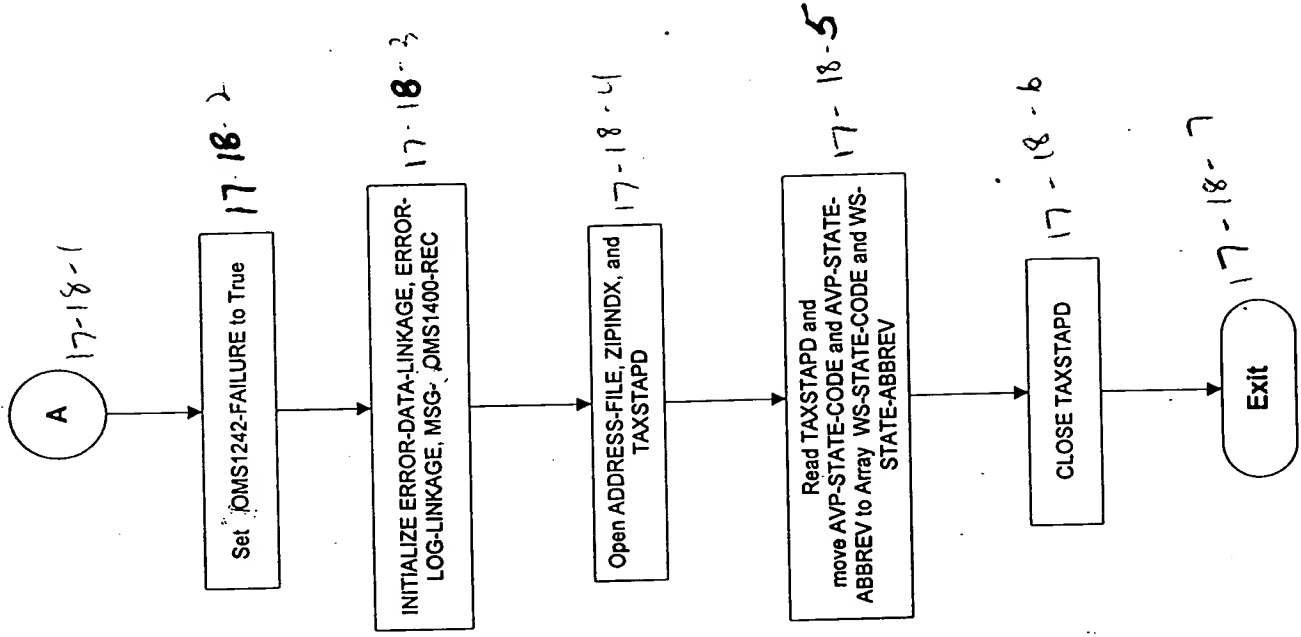


Fig. 17-18

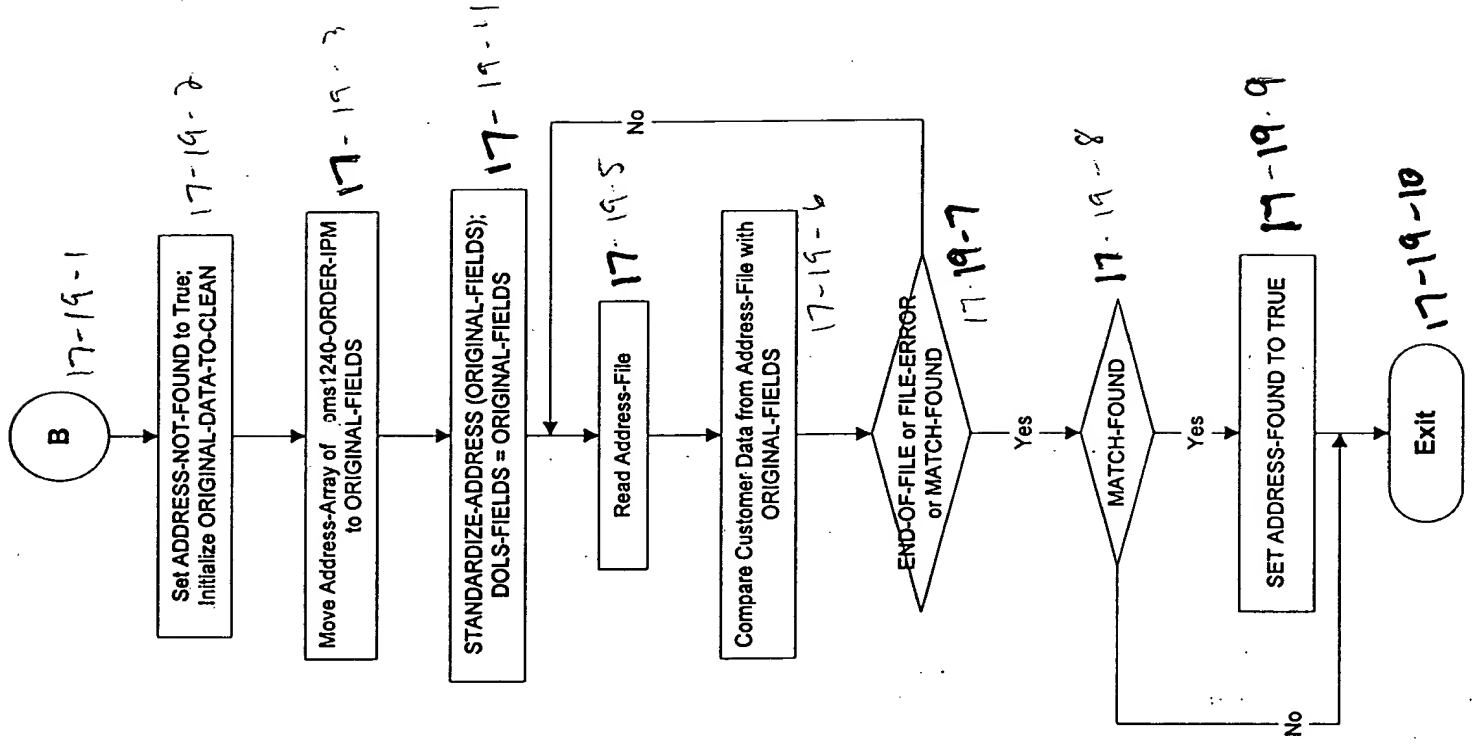


FIG 17-19

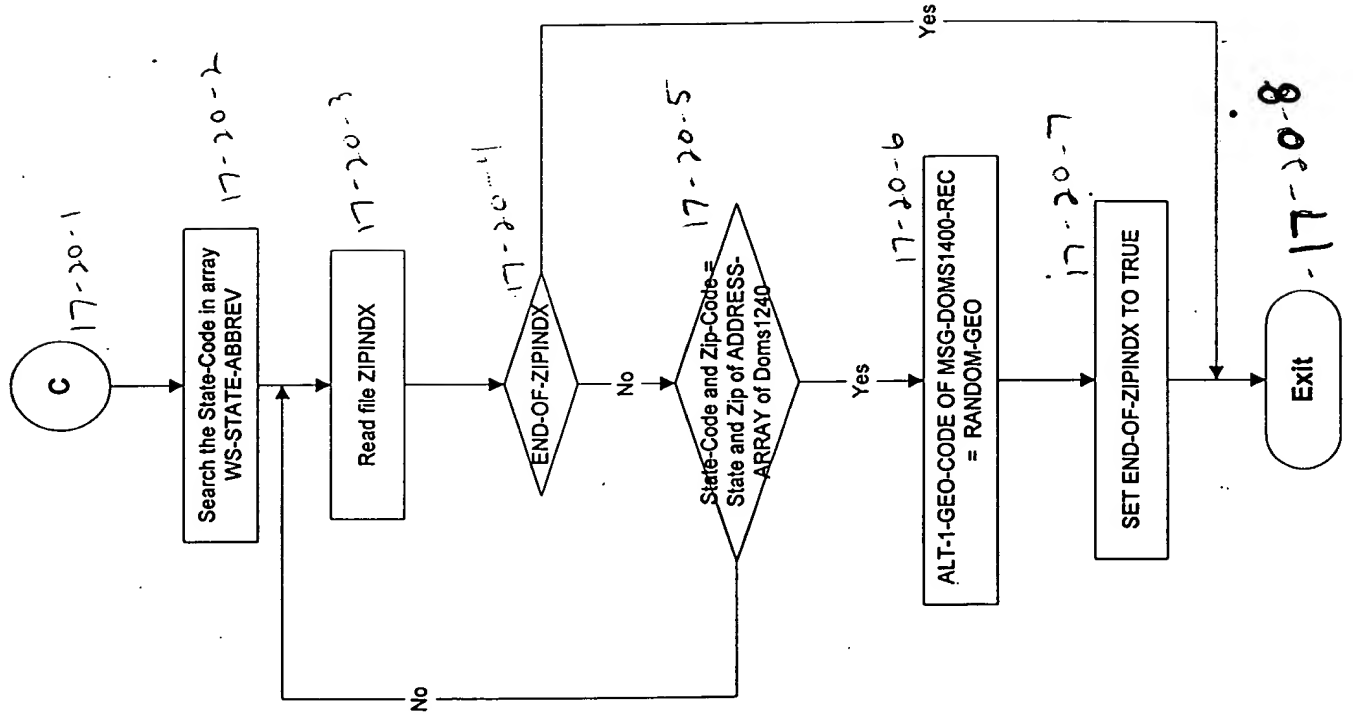



Fig. 17-20

Fig 17-21



**Start**

17-23-1

17-23-2

Set OMS1243-FAILURE to True

INITIALIZE ERROR-DATA-LINKAGE,  
ERROR-LOG-LINKAGE

Move related information to

Pathsend to .OMS1211 to retrieve an order

17-23-6

17-13-8

Set NAK-OPERATION to True

Set ACK-OPERATION to True

2-73-10

7.23

ACK OPERATION 17-23-12

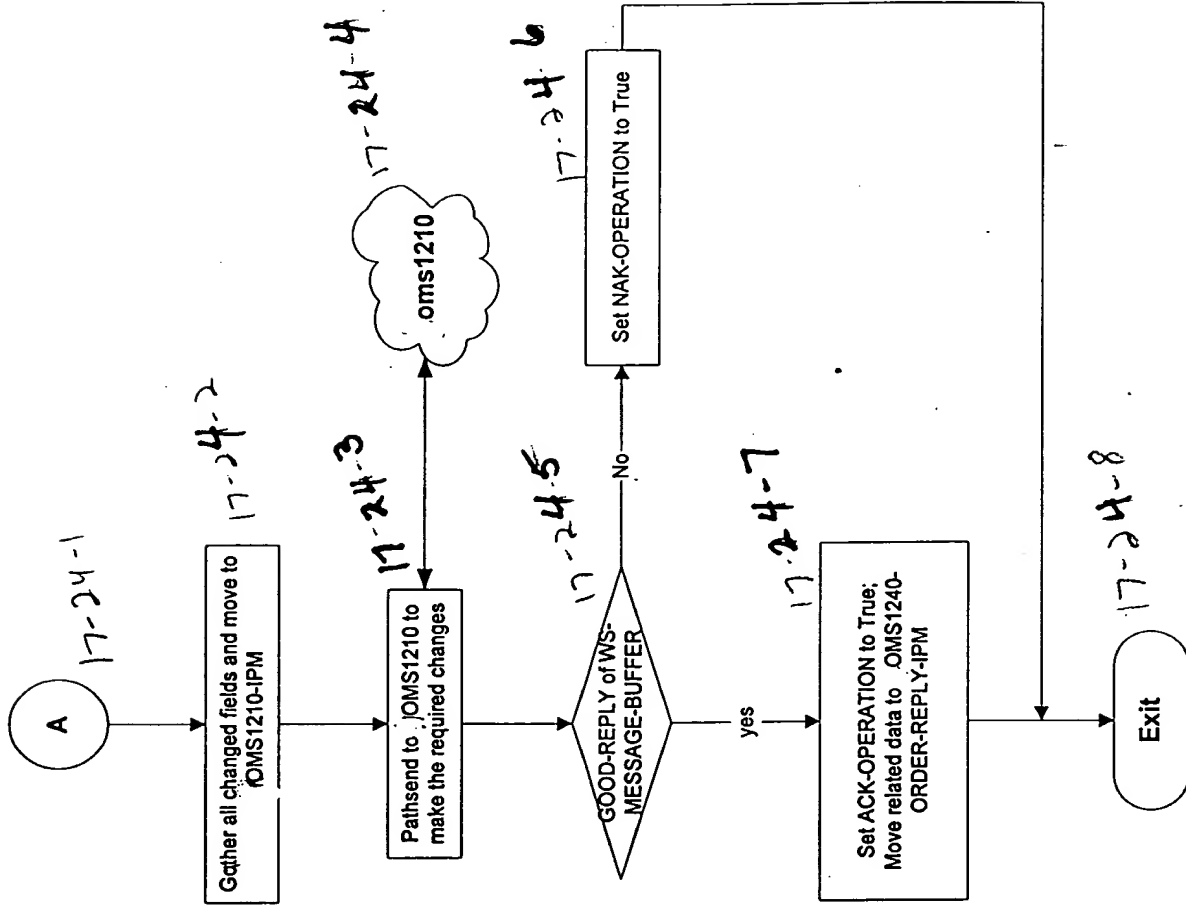
7-23-13

Set <sup>i)</sup> OMS1243-SUCCESS to True

End

17-23-14

Fig 17-23



```

graph TD
    Start([Start]) --> 180-1[Get DB Connection information from the Registry]
    180-1 --> 180-2[Get Messaging Agent from Registry to determine US or Canadian AOE.]
    180-2 --> 180-3[Get List of customer with the same Messaging Agent]
    180-3 --> 180-4{Found?}
    180-4 -- no --> 180-5([EXIT])
    180-4 -- yes --> 180-6[Get All unacknowledged orders from order header table]
    180-6 <--> 200[(AOE Database)]
    180-6 --> 180-7[Get FTP information from order_transport database]
    180-7 <--> 200
    180-7 --> 180-8{Order Header or Order_Transport Empty?}
    180-8 --> 180-9((Goto A))

```

1

```

graph TD
    A((A)) -- 180-13 --> D1{File ID =  
Previous File ID}
    D1 -- 180-14 --> D1
    D1 -- no -- 180-15 --> P1[Get Not ready to be  
acknowledge orders  
from Order Detail using  
the current file id]
    P1 <--> DB[(AOE Database)]
    P1 --> D2{found?}
    D2 -- yes -- 180-18 --> P2[Delete record from  
Order Header  
recordset]
    P2 --> J1((goto J))
    J1 -- 180-20 --> P7[page 7]
    D2 -- no --> D3{Same  
Customer  
Number?}
    D3 -- 180-19 --> D3
    D3 -- yes --> P3[Create File  
Wrapper]
    D3 -- no --> P4[Create Ack Header]
    P3 --> P4
    P4 -- 180-22 --> J2((Goto B))
    J2 -- 180-23 --> B((B))

```

2



002750:276650

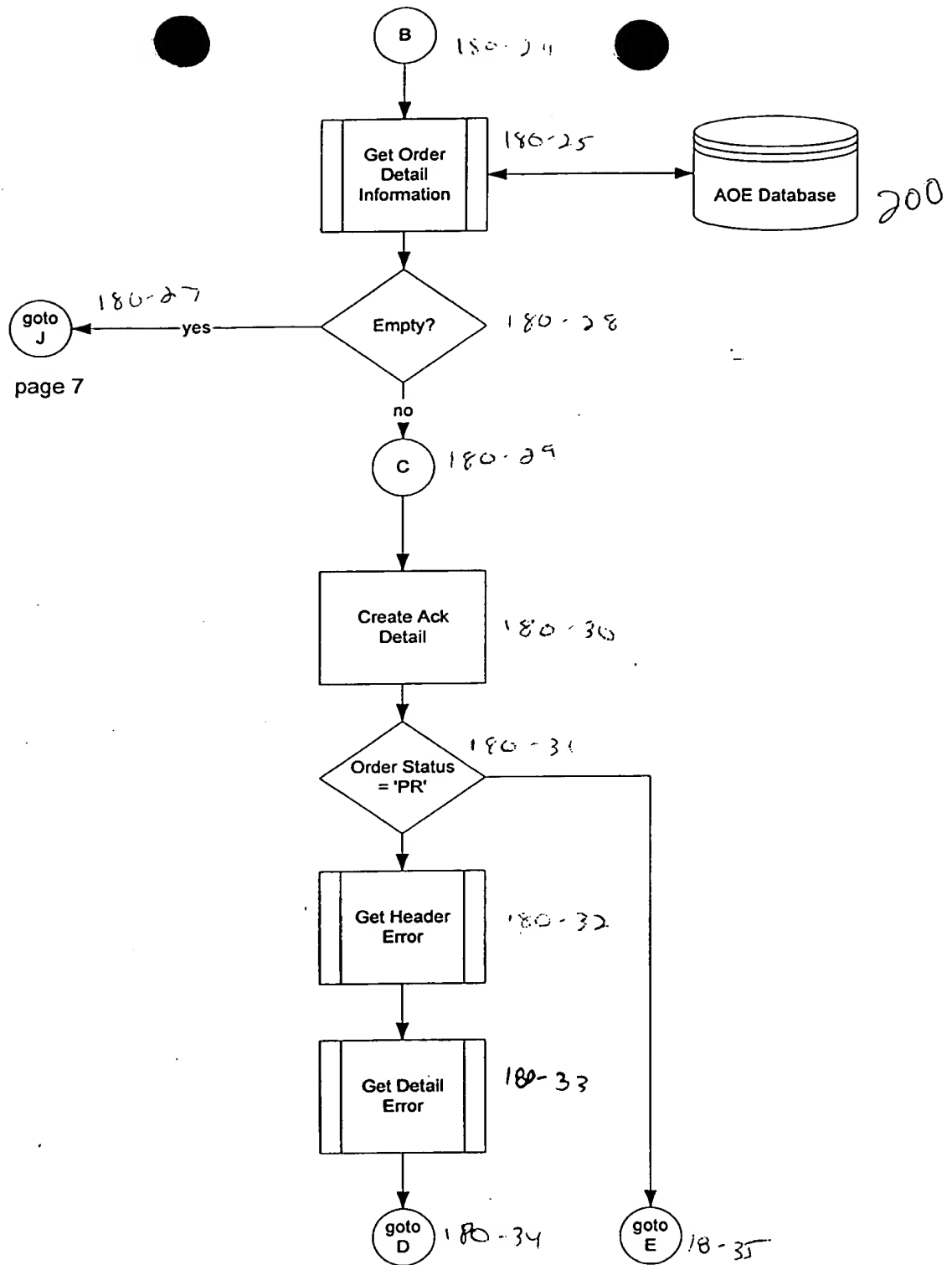


FIG. 18C

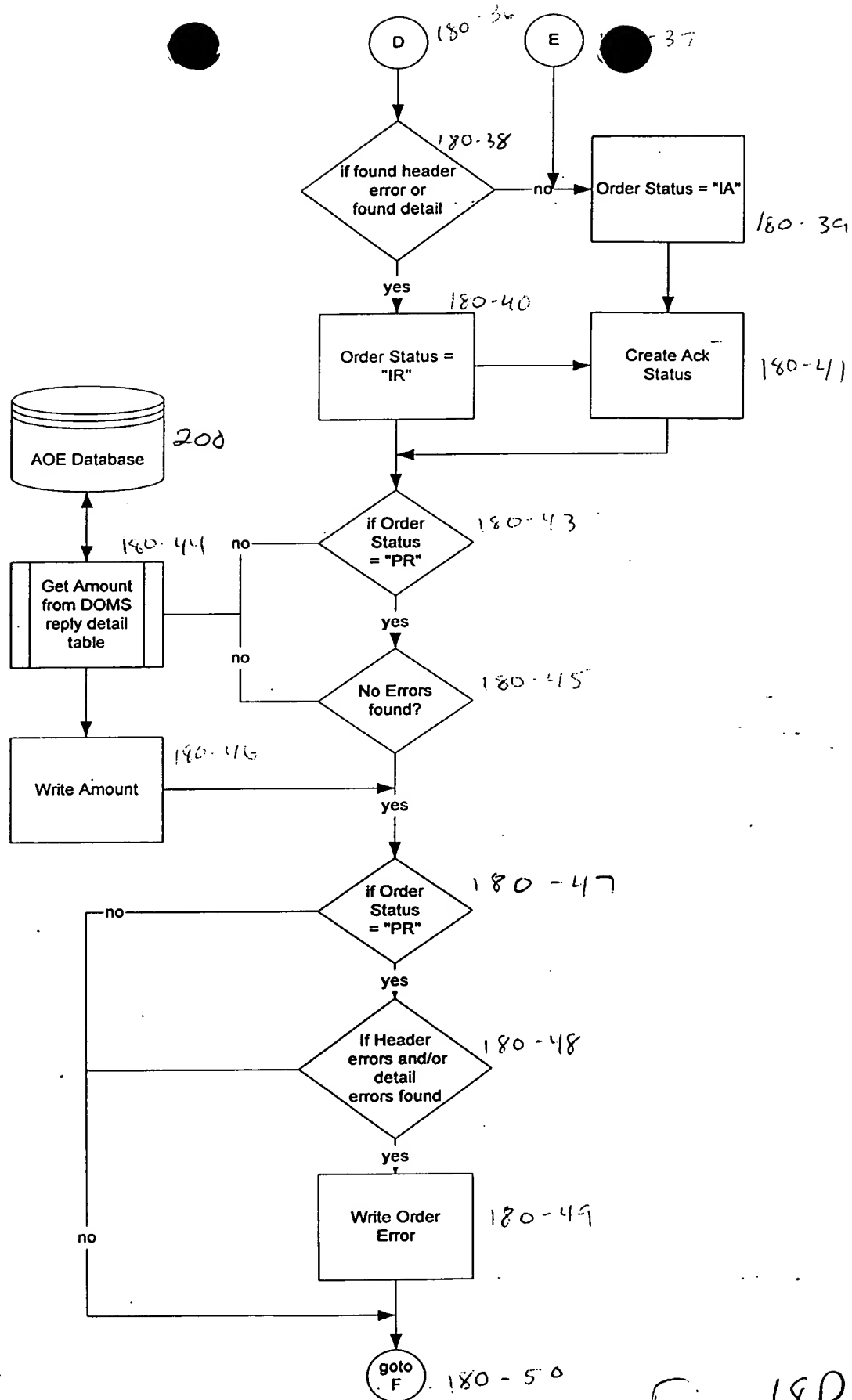


FIG. 18D

00502412:001300

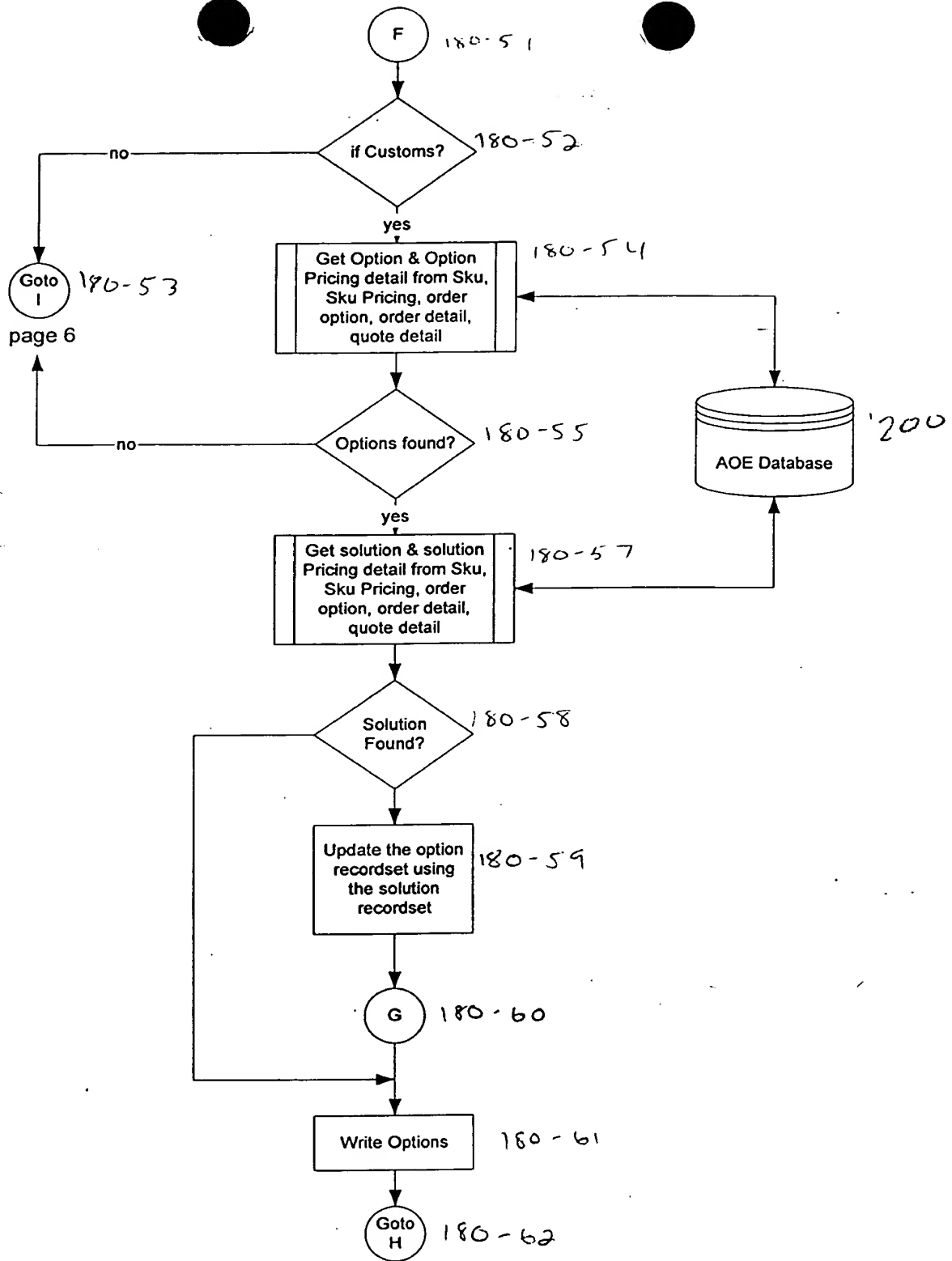


FIG. 18E

0059713-050300

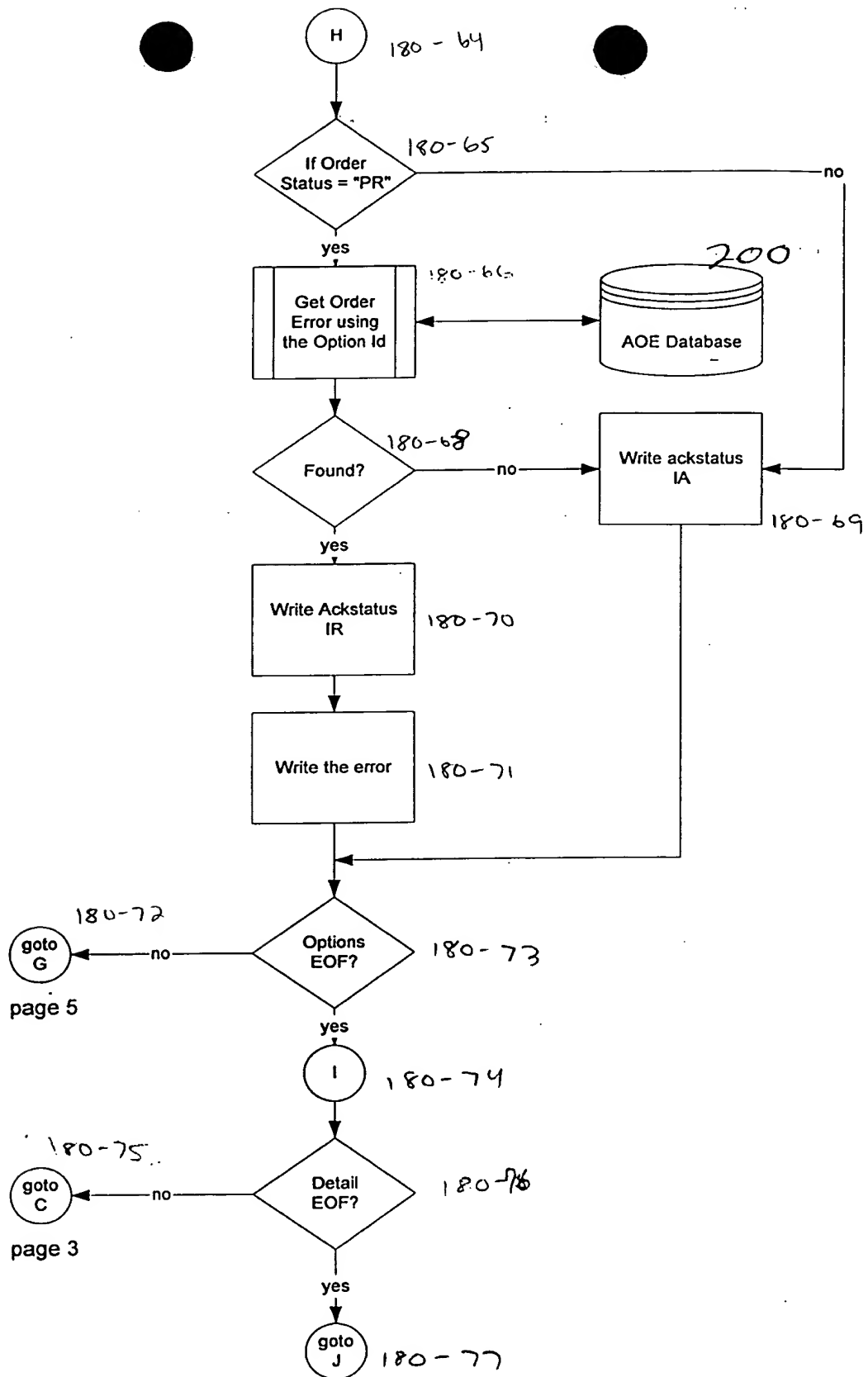


FIG 18F

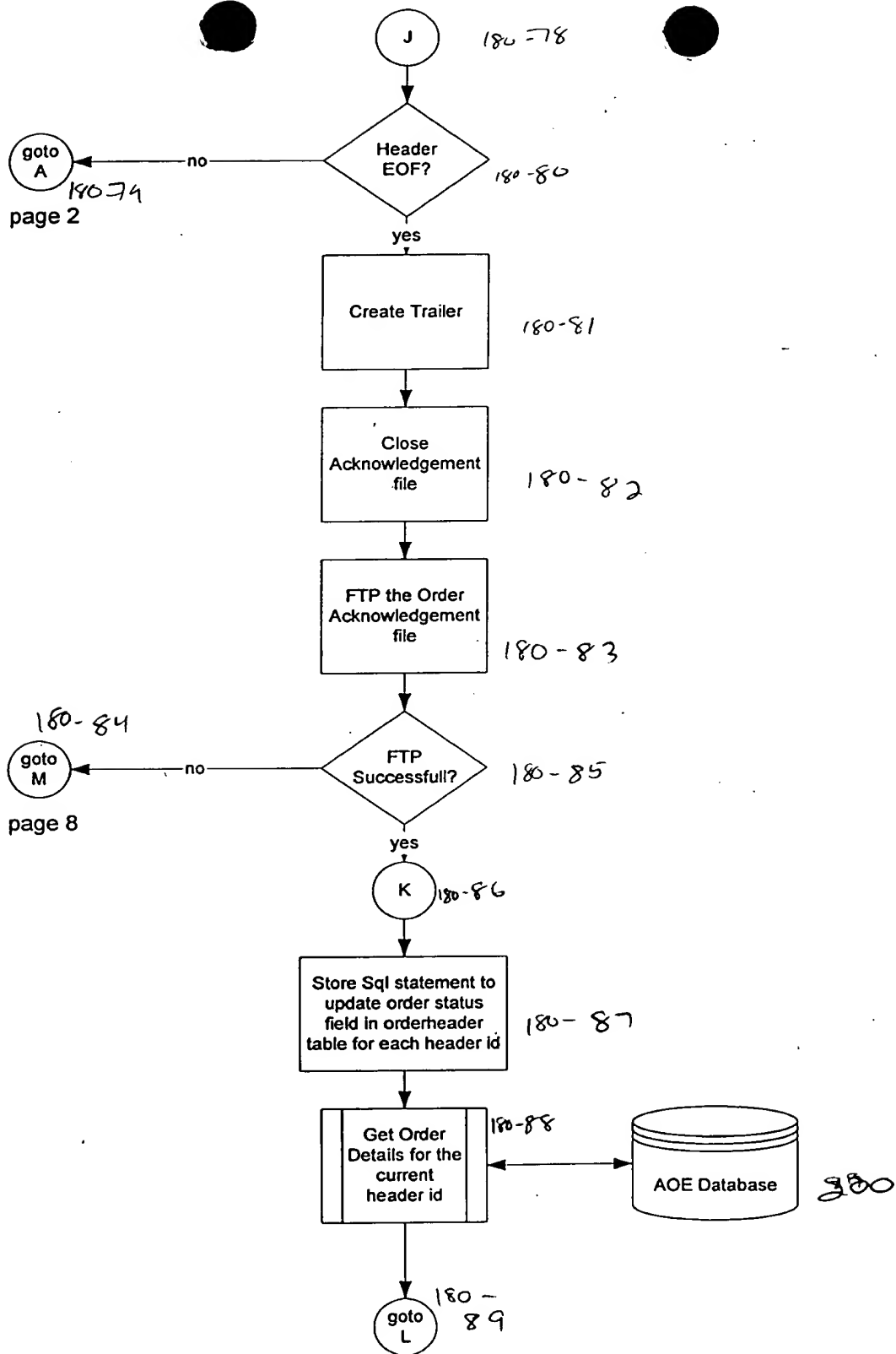


FIG. 186

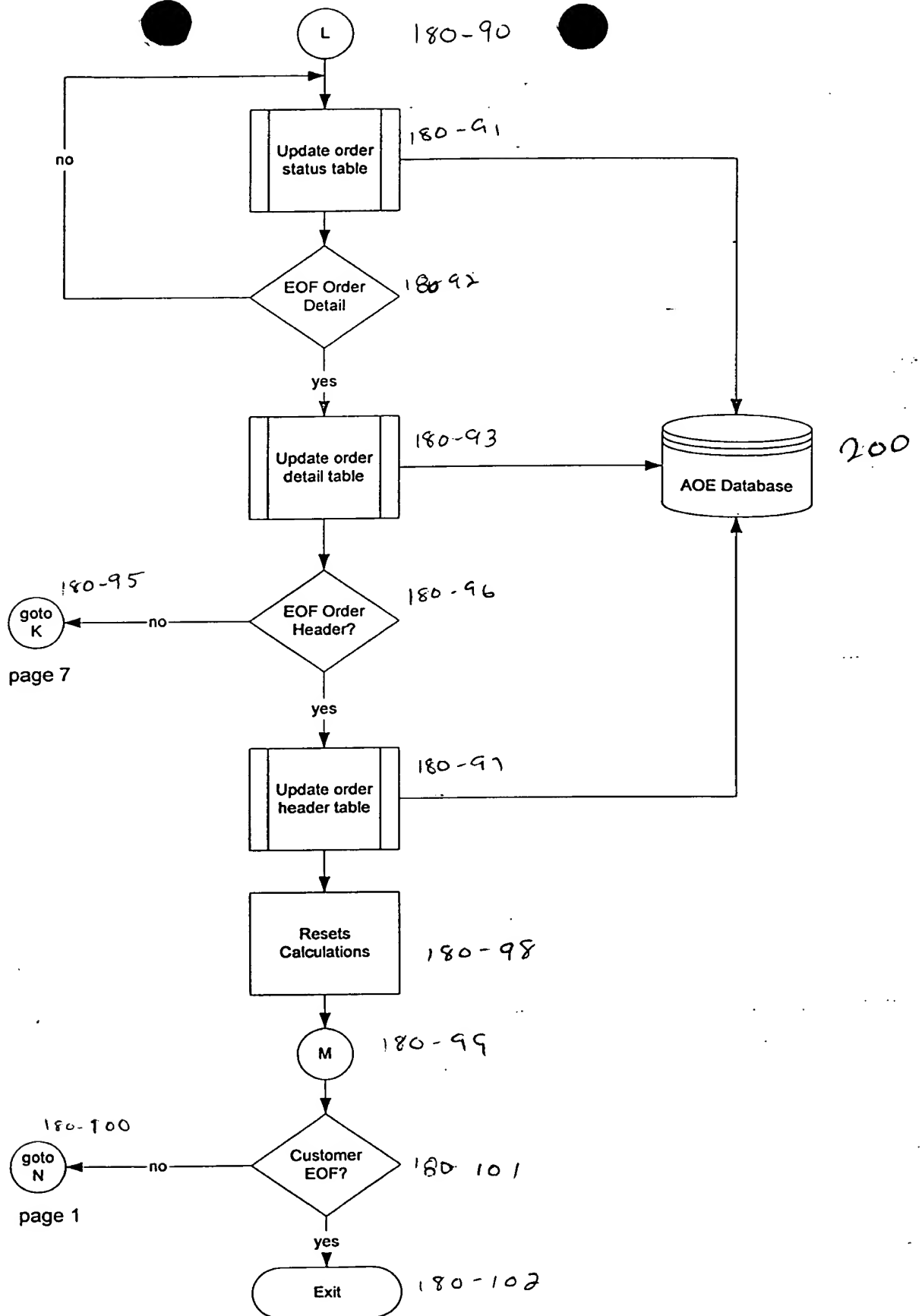


Fig. 18H

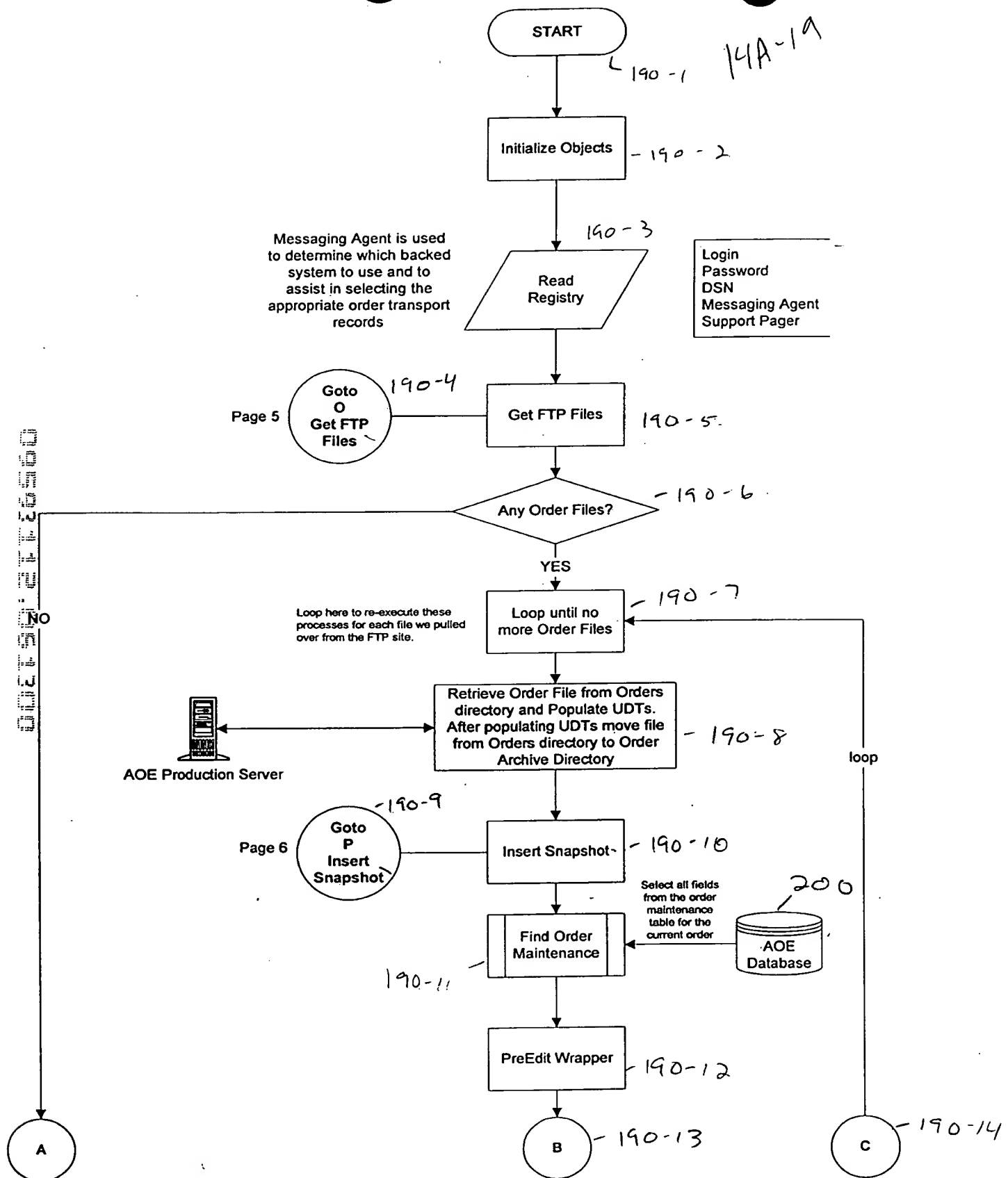


FIG. 19A

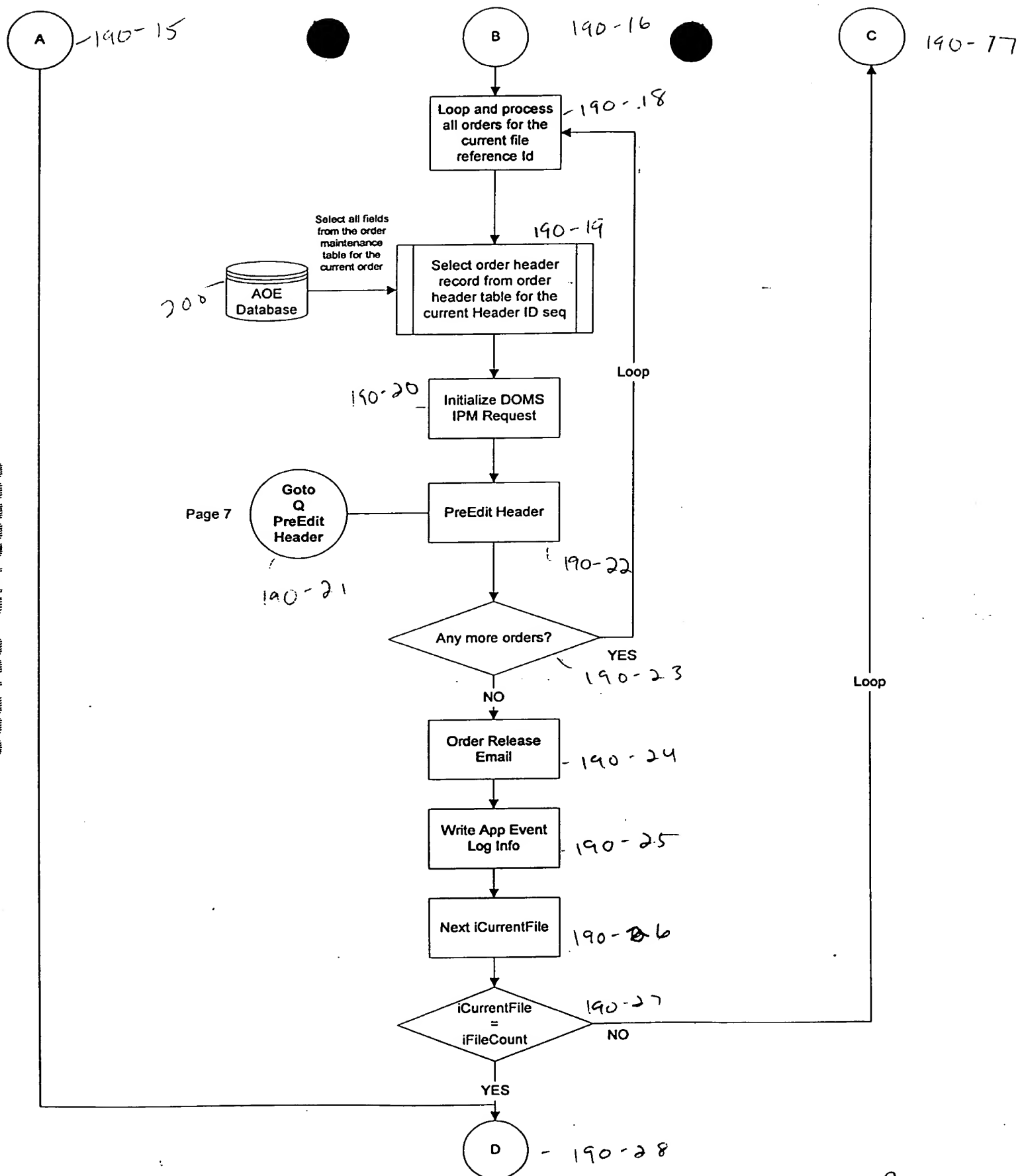
[illegible]

FIG. 19B



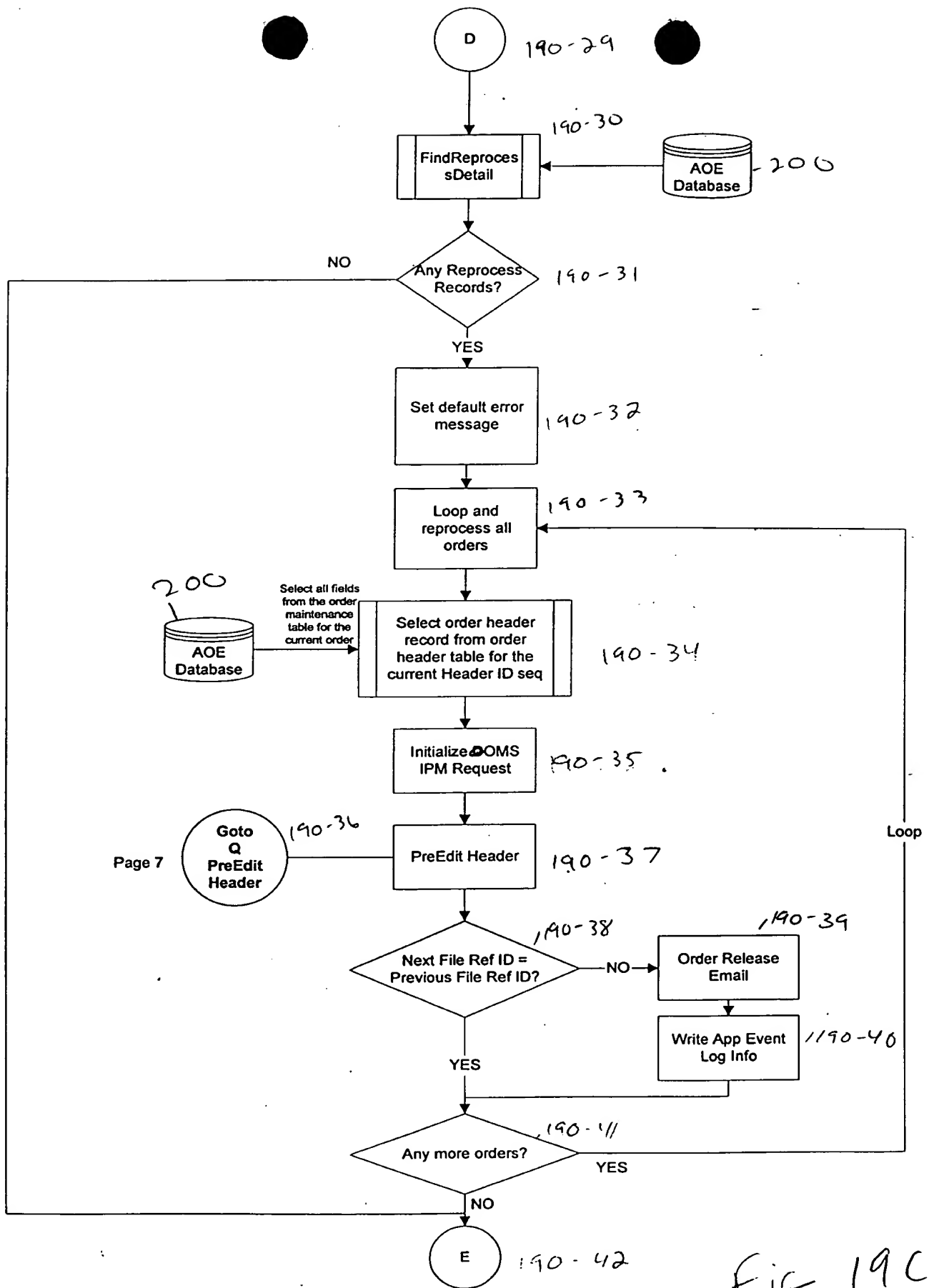


Fig. 19C

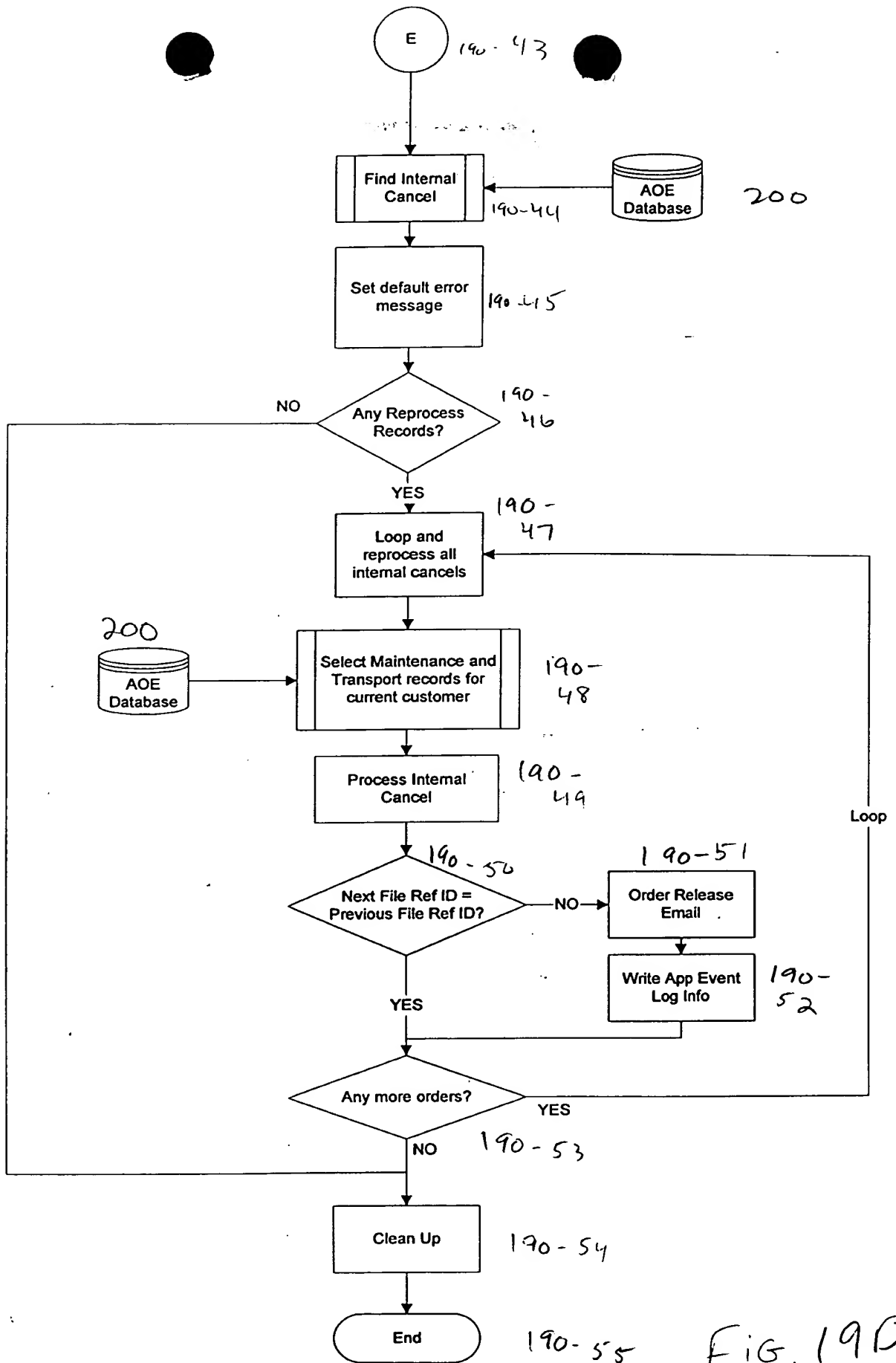


FIG. 190

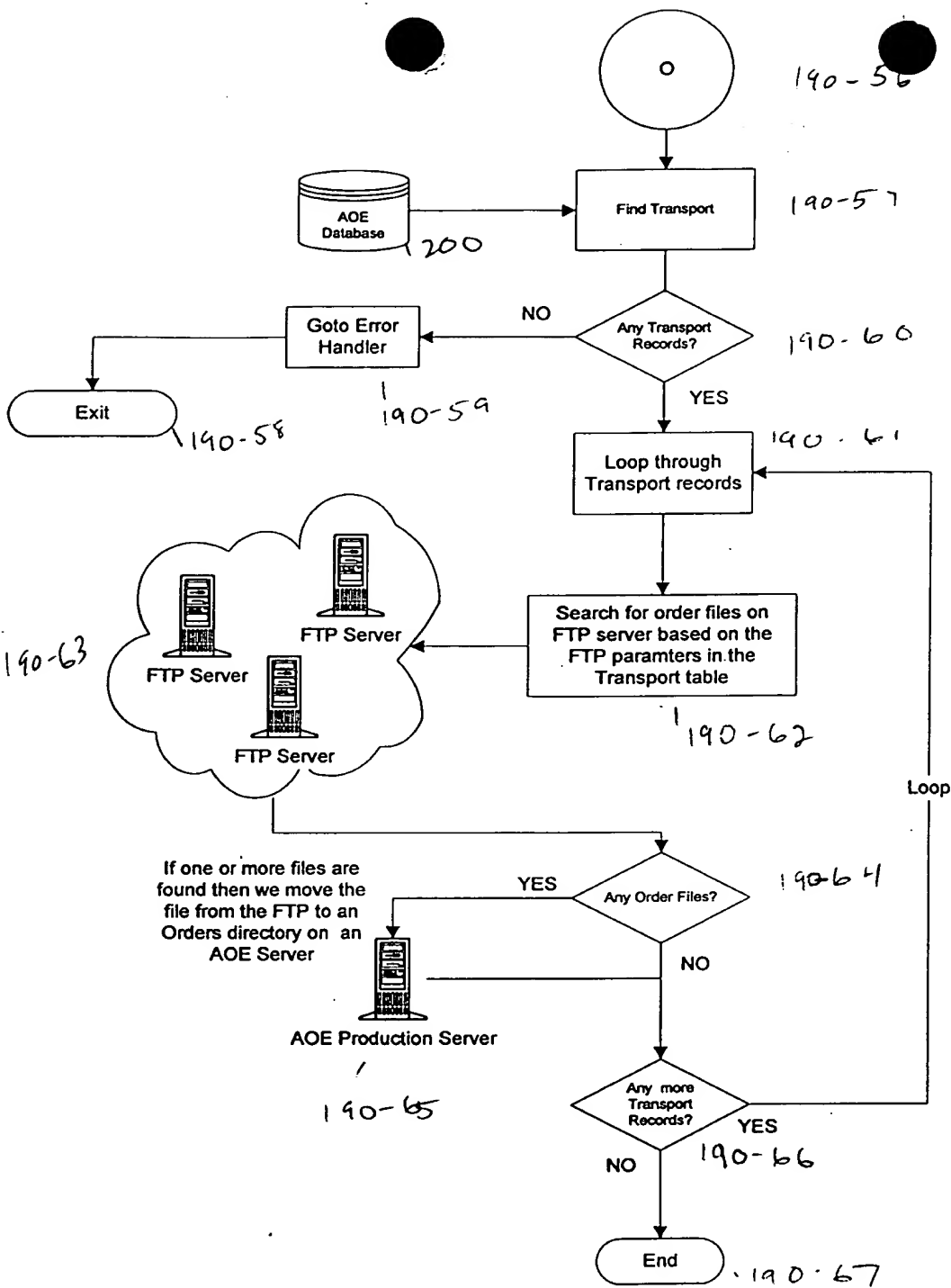
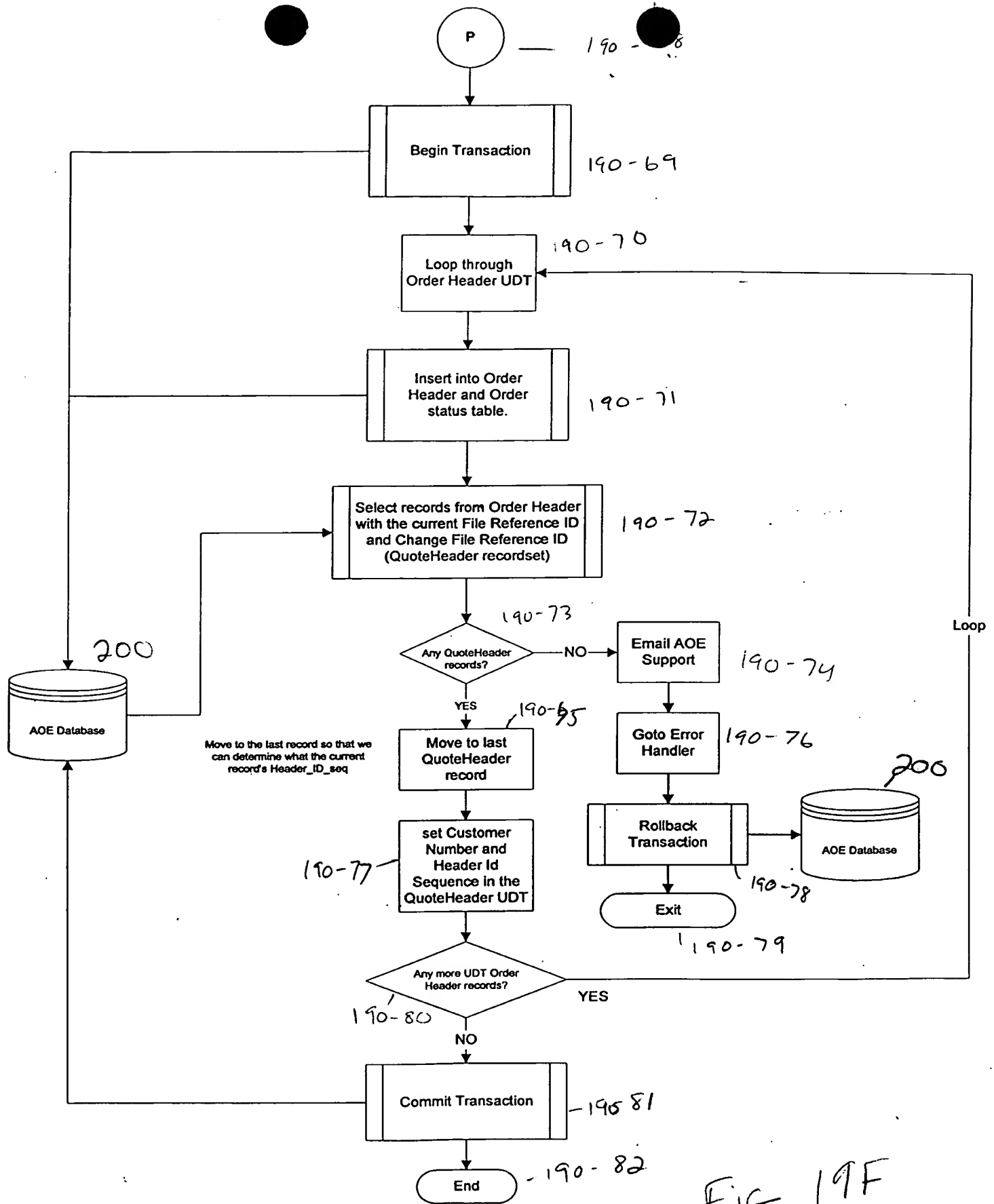


Fig. 19E



2025 RELEASE UNDER E.O. 14176

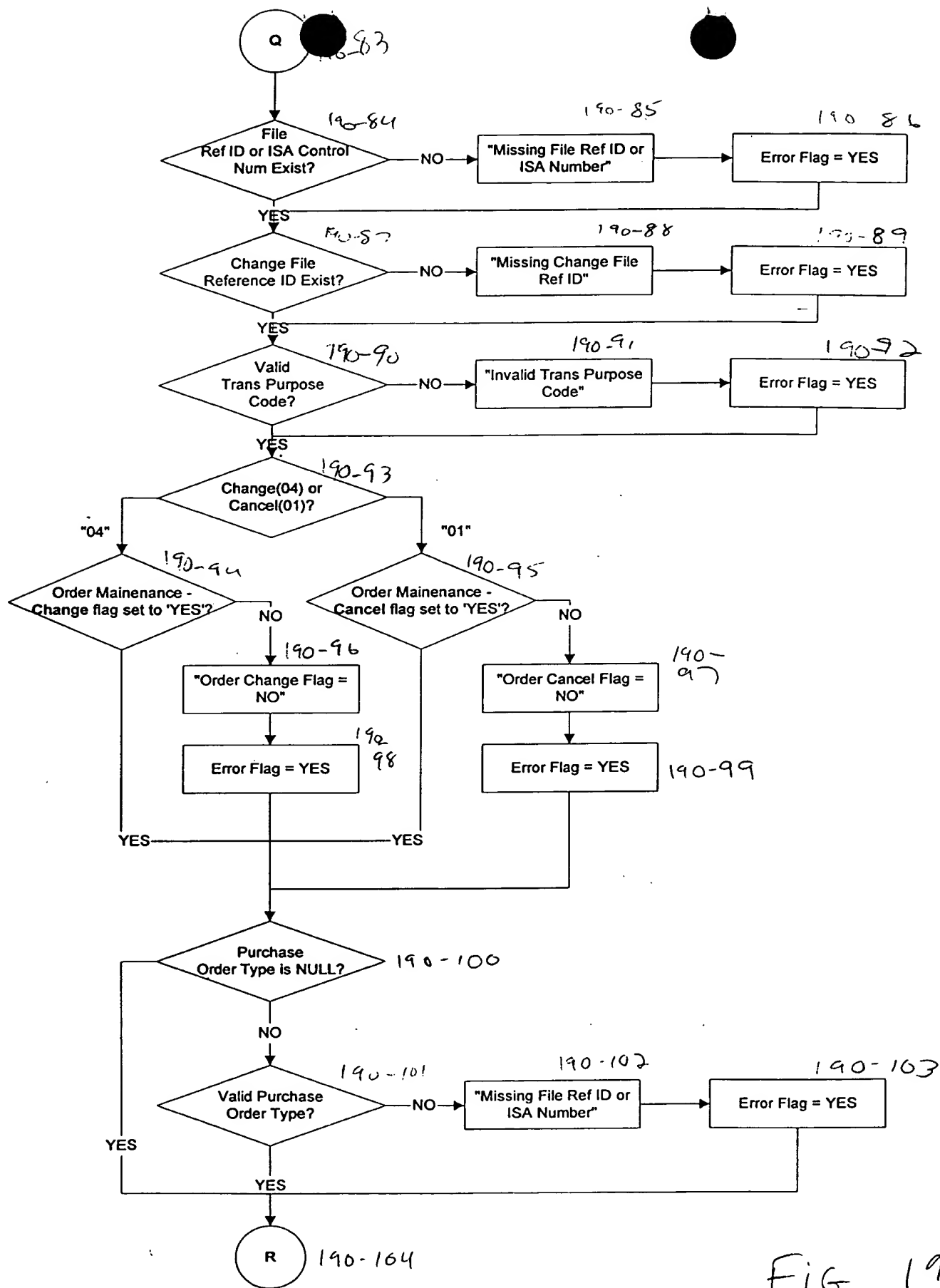


FIG. 196

00502413.054300

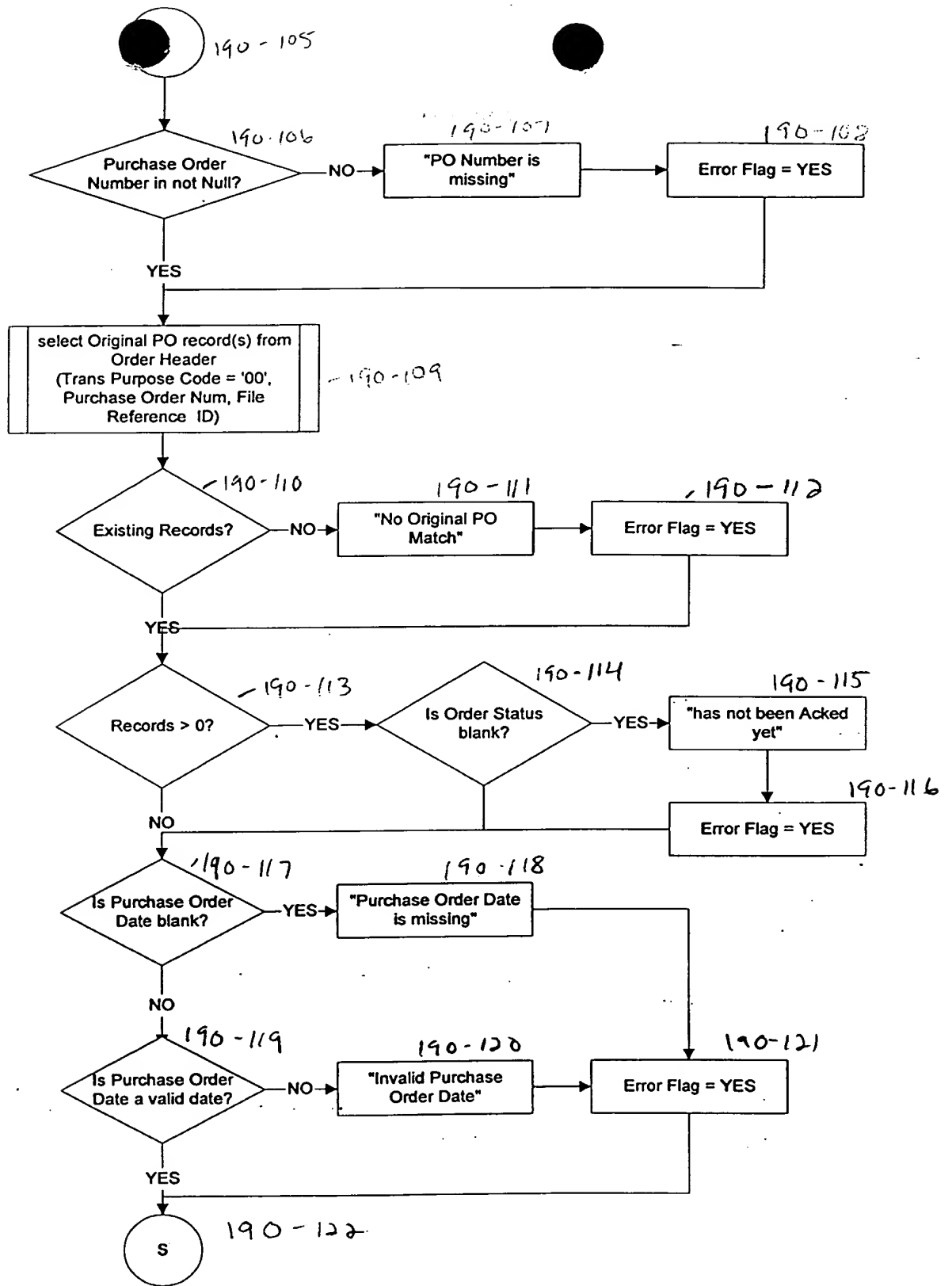


FIG. 19H

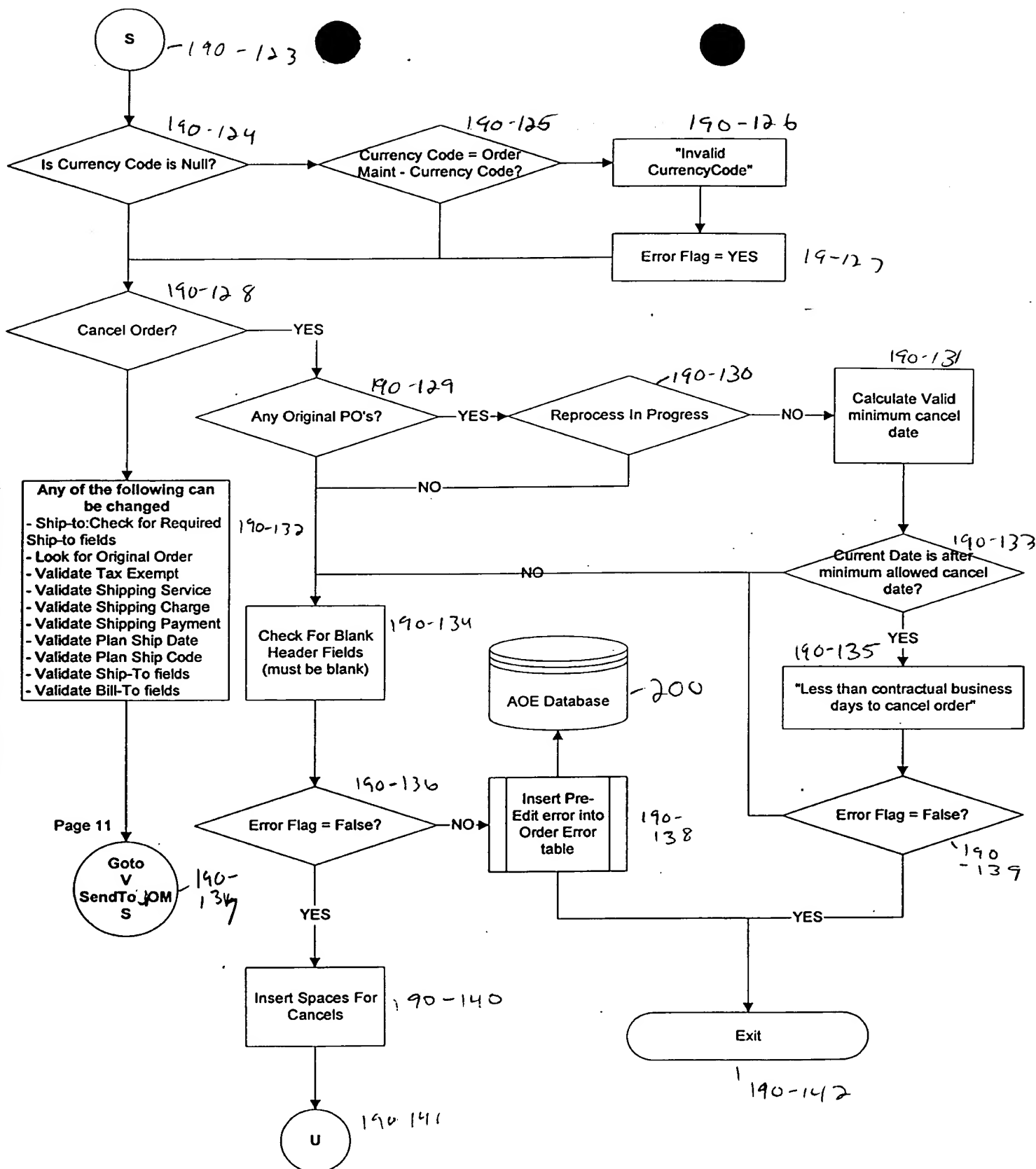


Fig. 19 I

0050343 004300

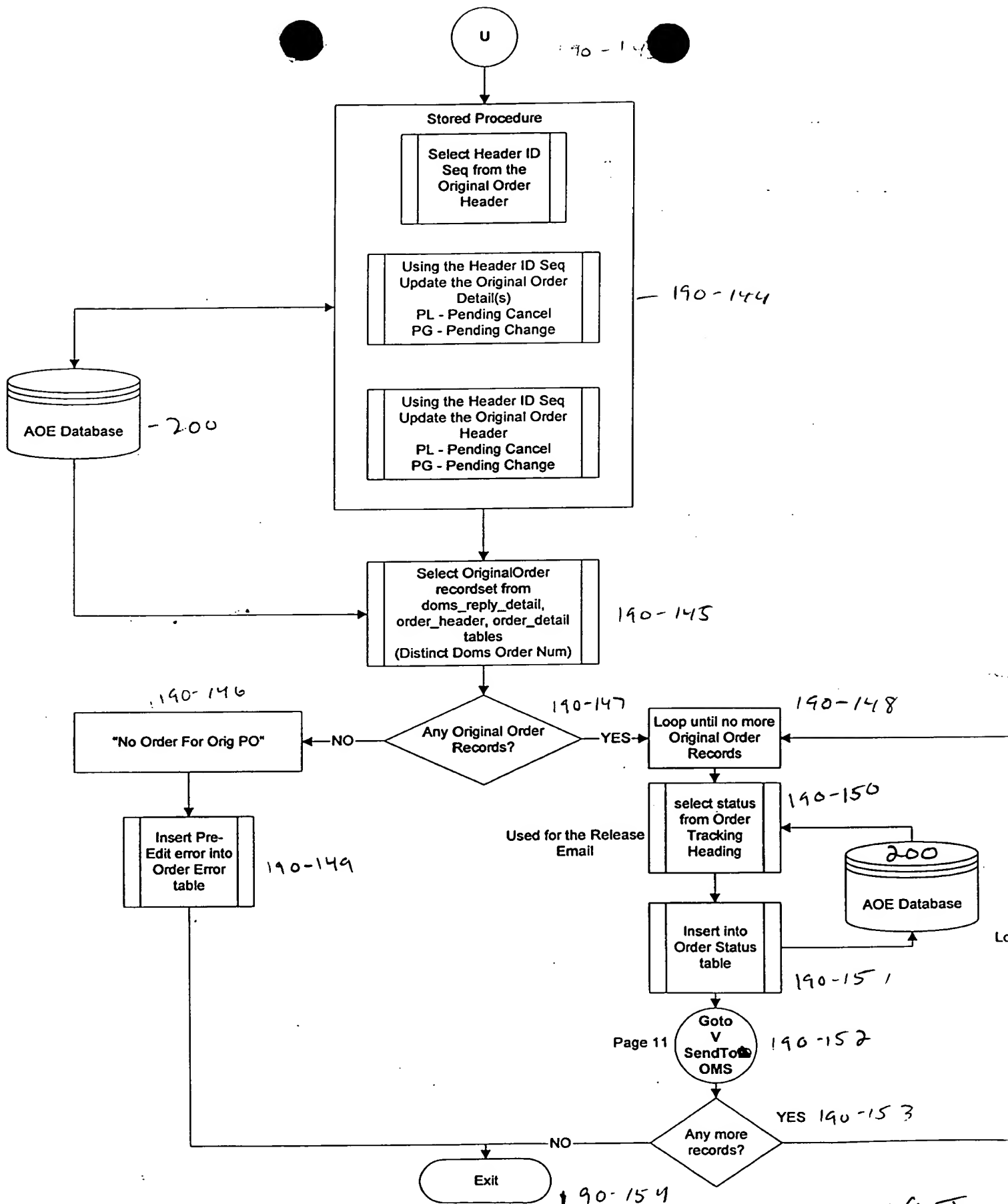


FIG. 19J



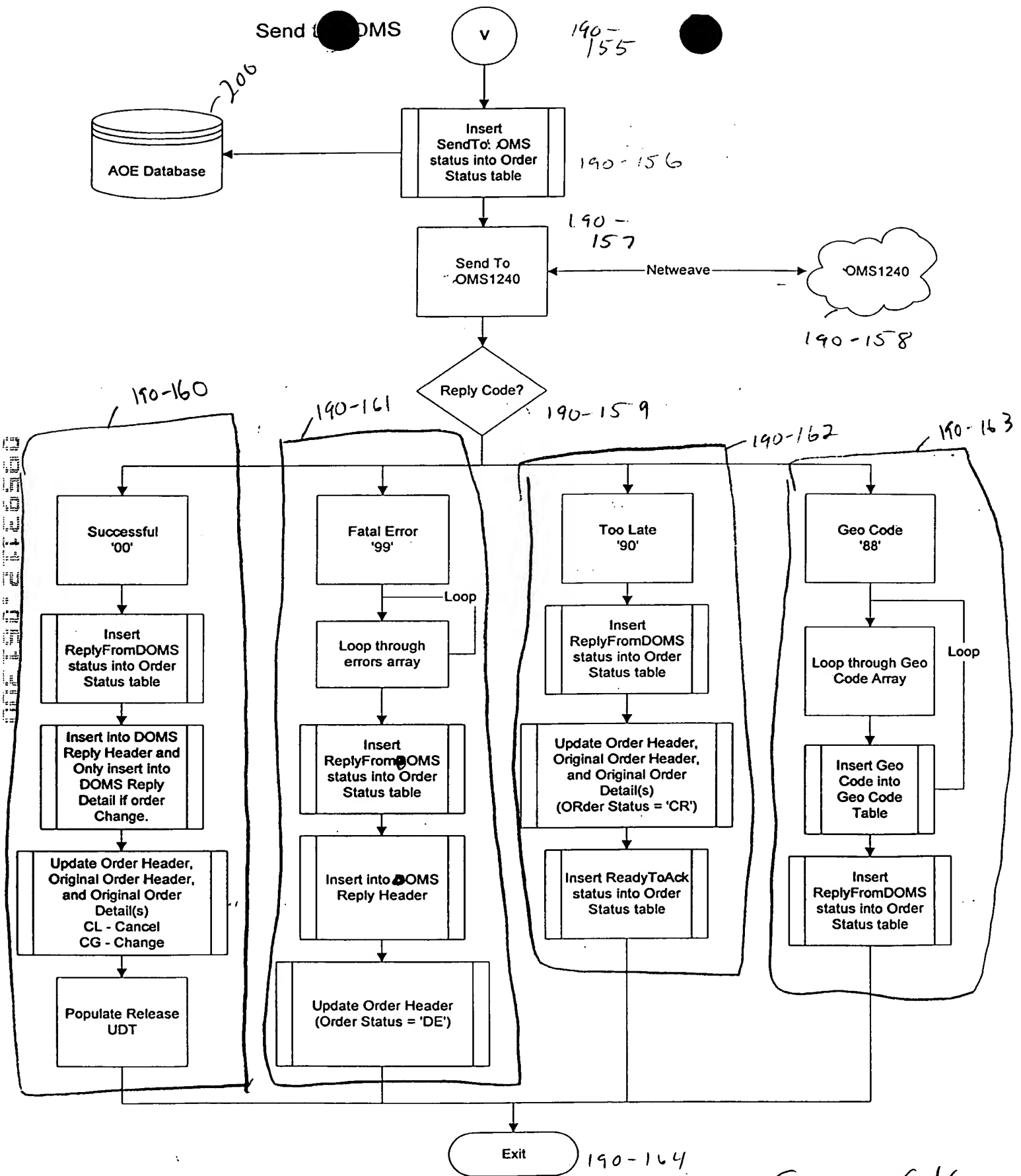


FIG. 19K

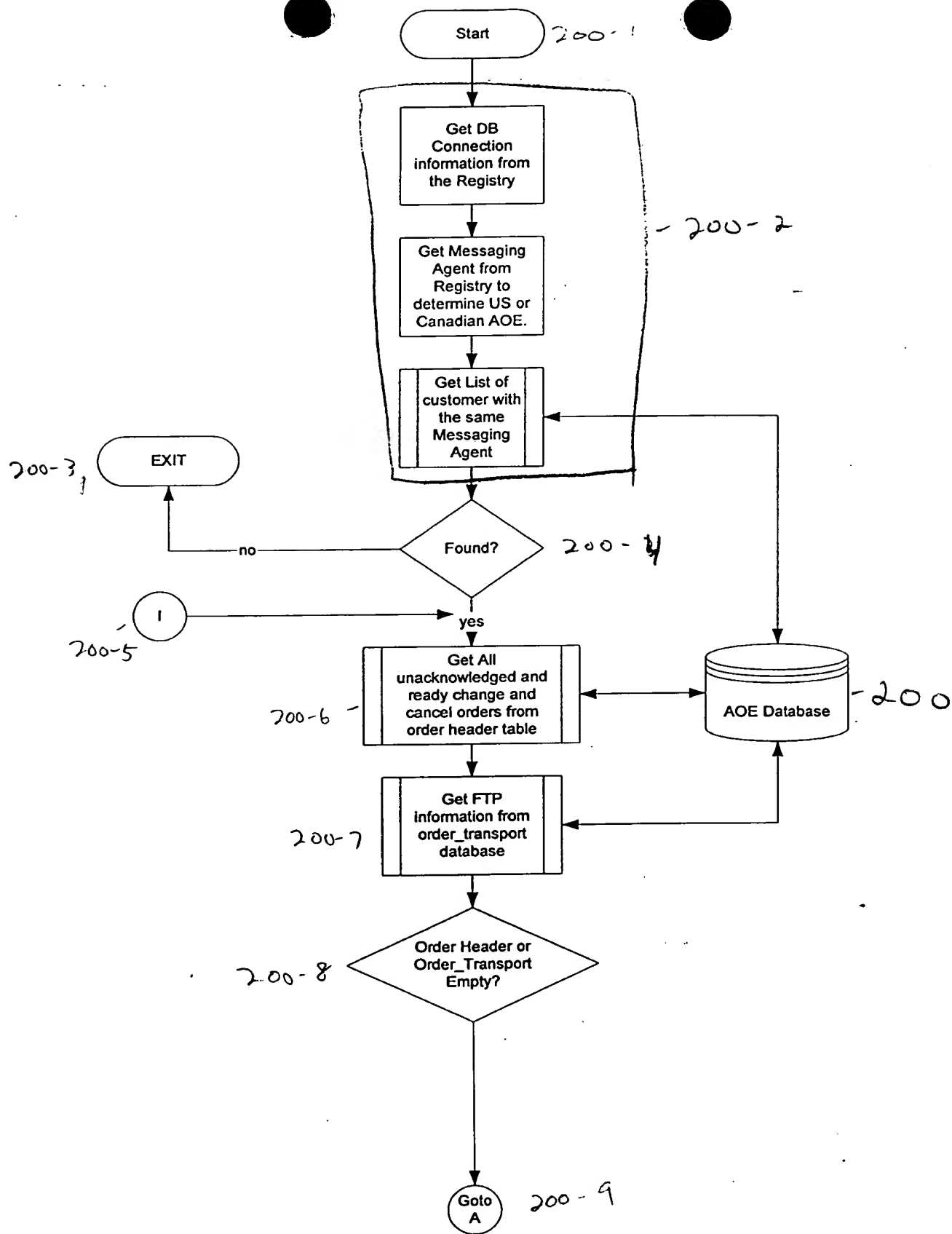
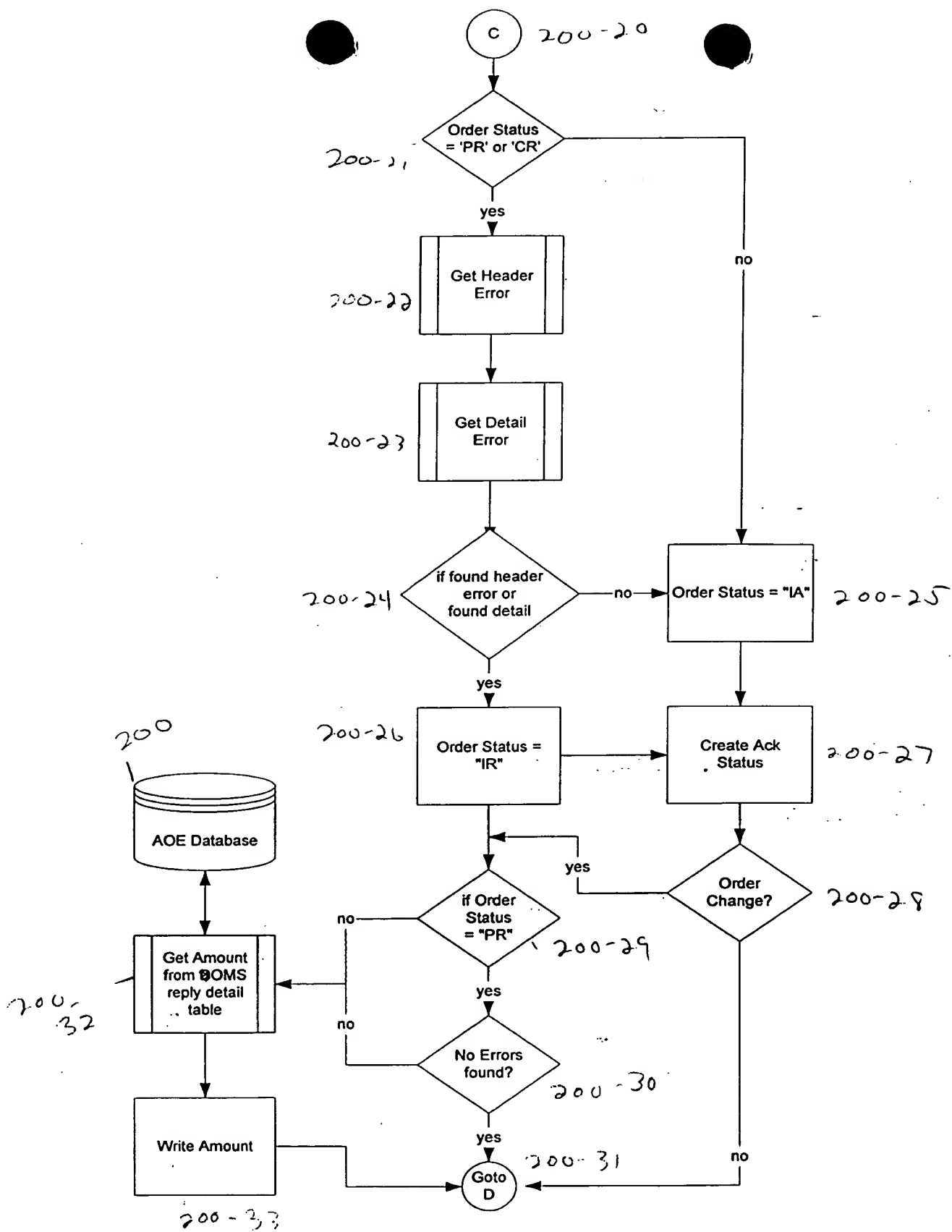
[illegible]

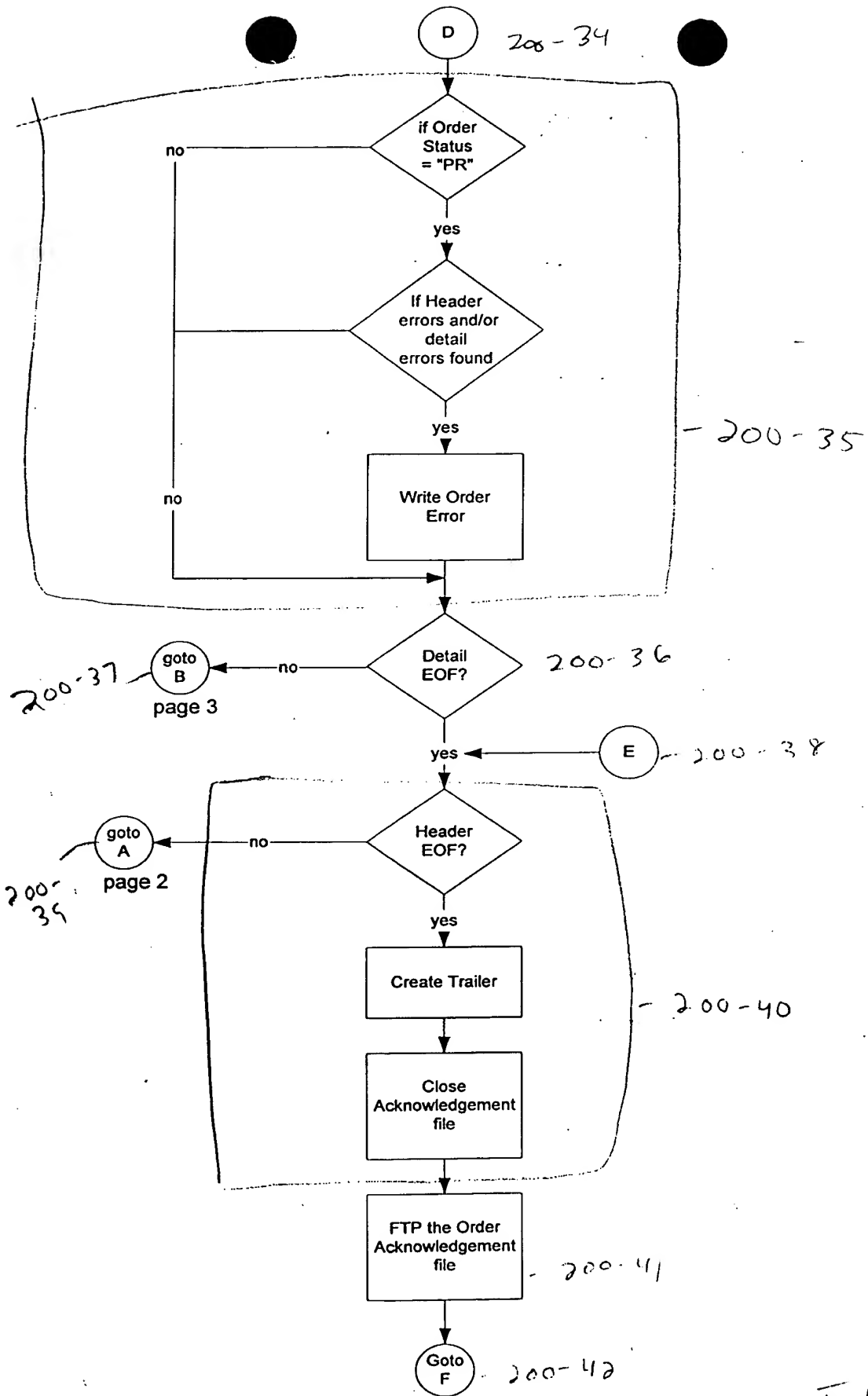
FIG 20A



[illegible]

F1620C

00503112-064200



F16 200

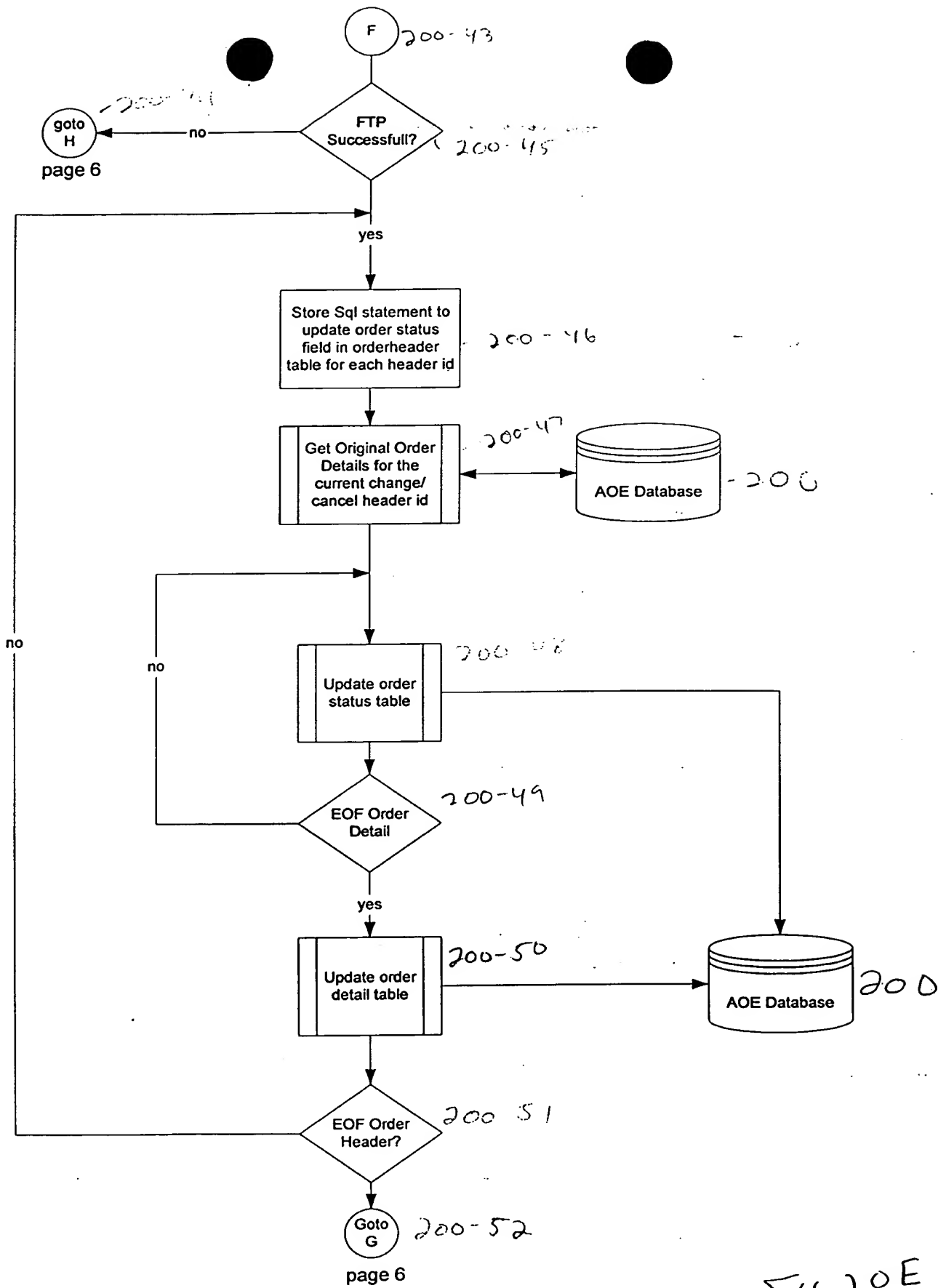
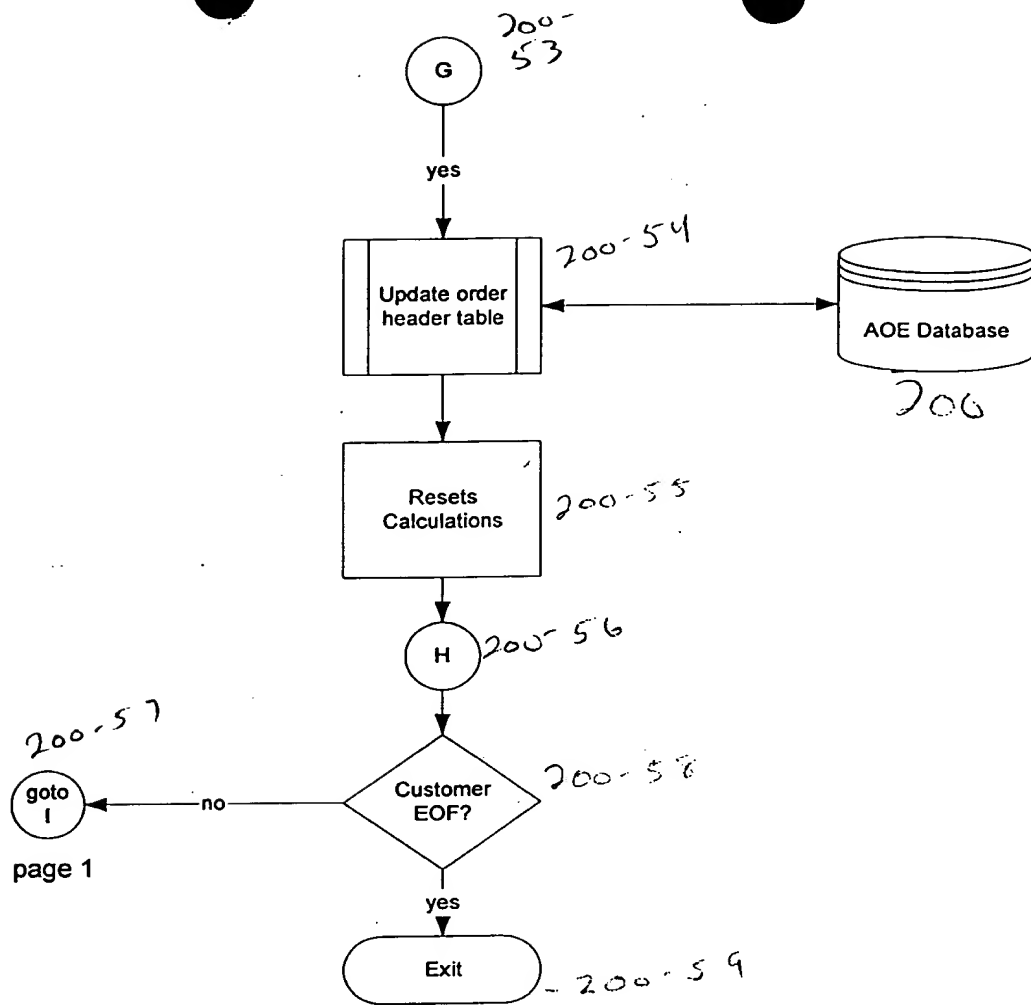


FIG 20E

0062412-054300



F1620F





005034 12 05 1200

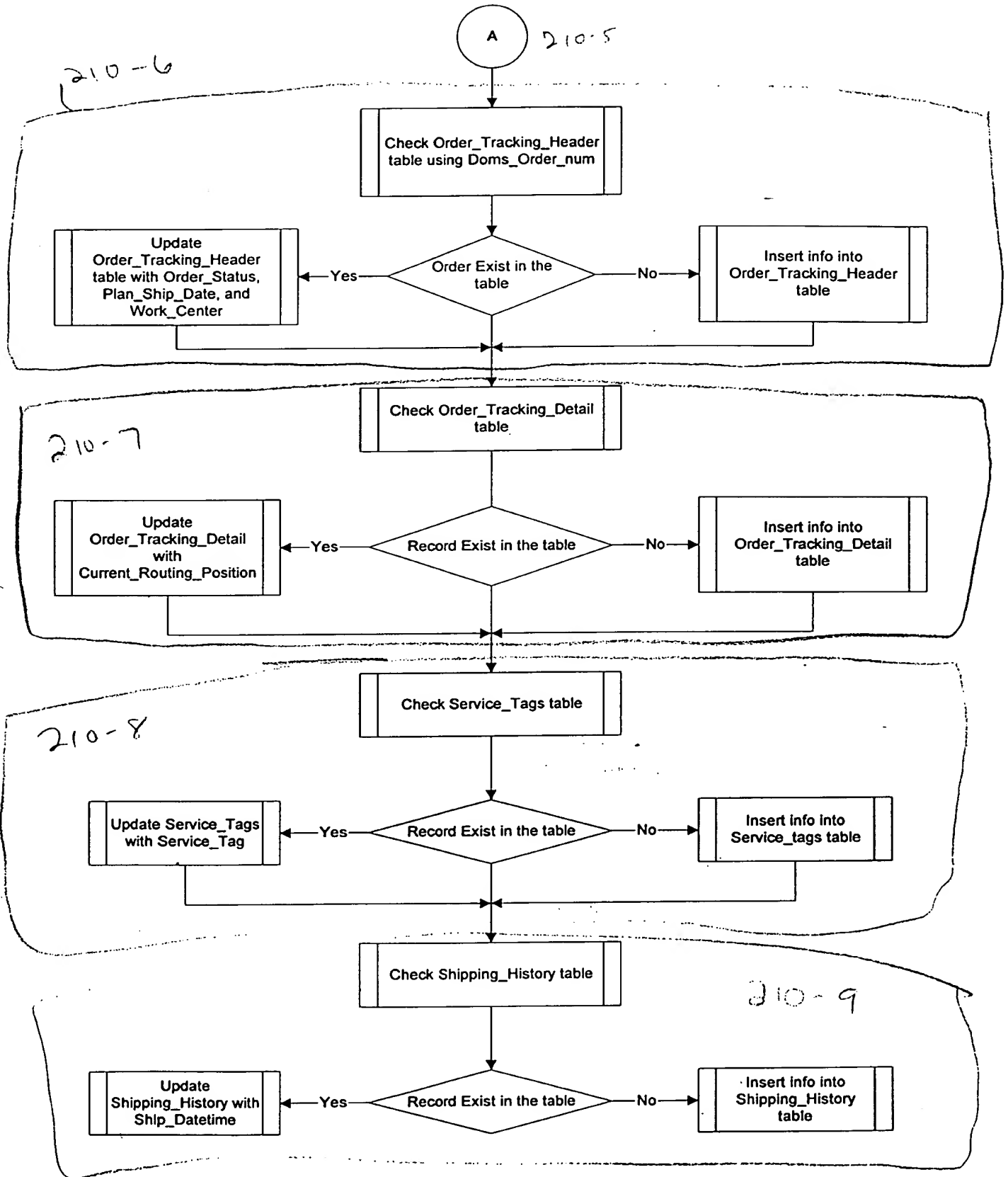


FIG 21B

09:00:12.06:100

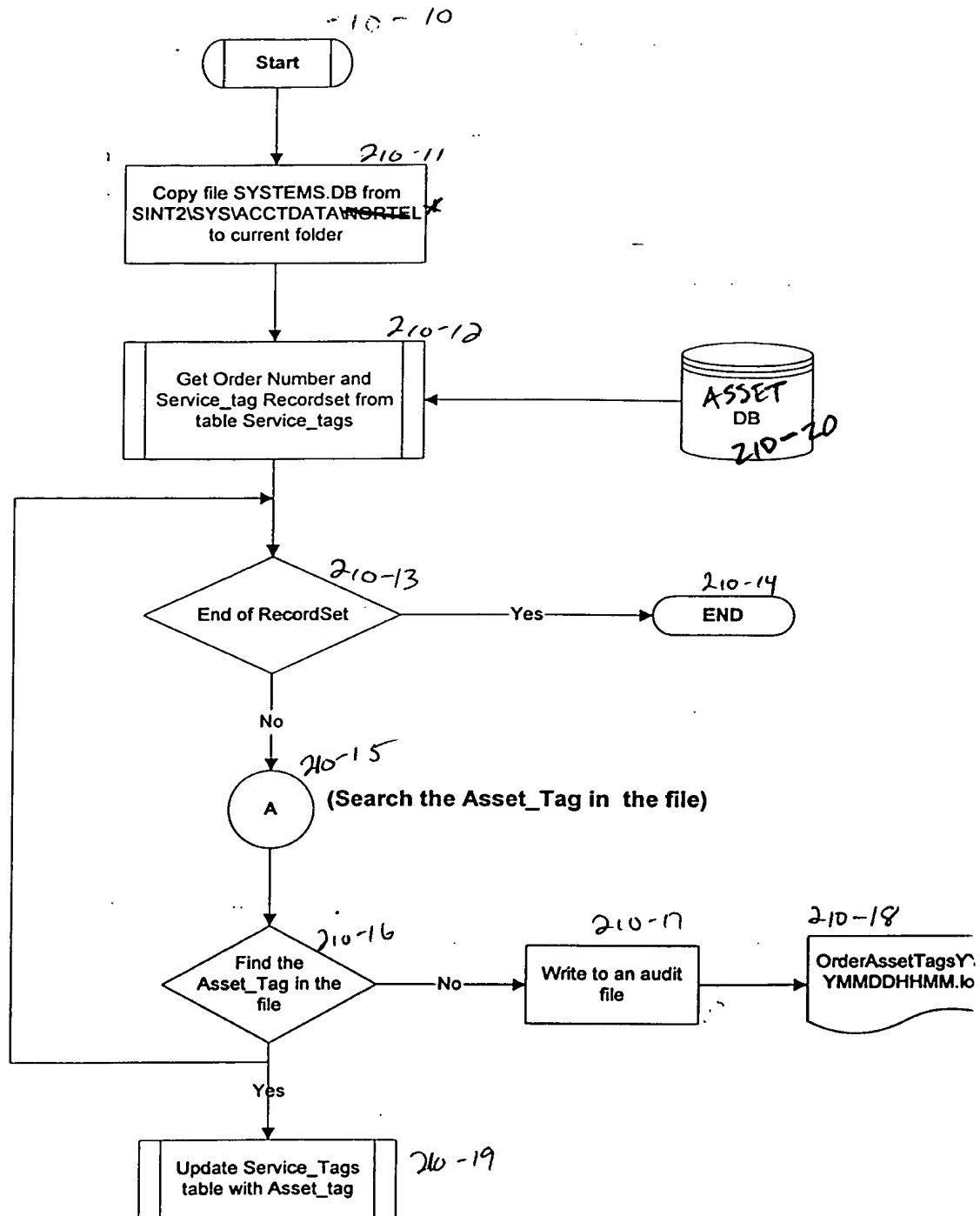


FIG 21C

220-2

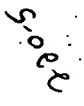


Fig. 22A

A 720-8

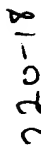


Fig. 22B

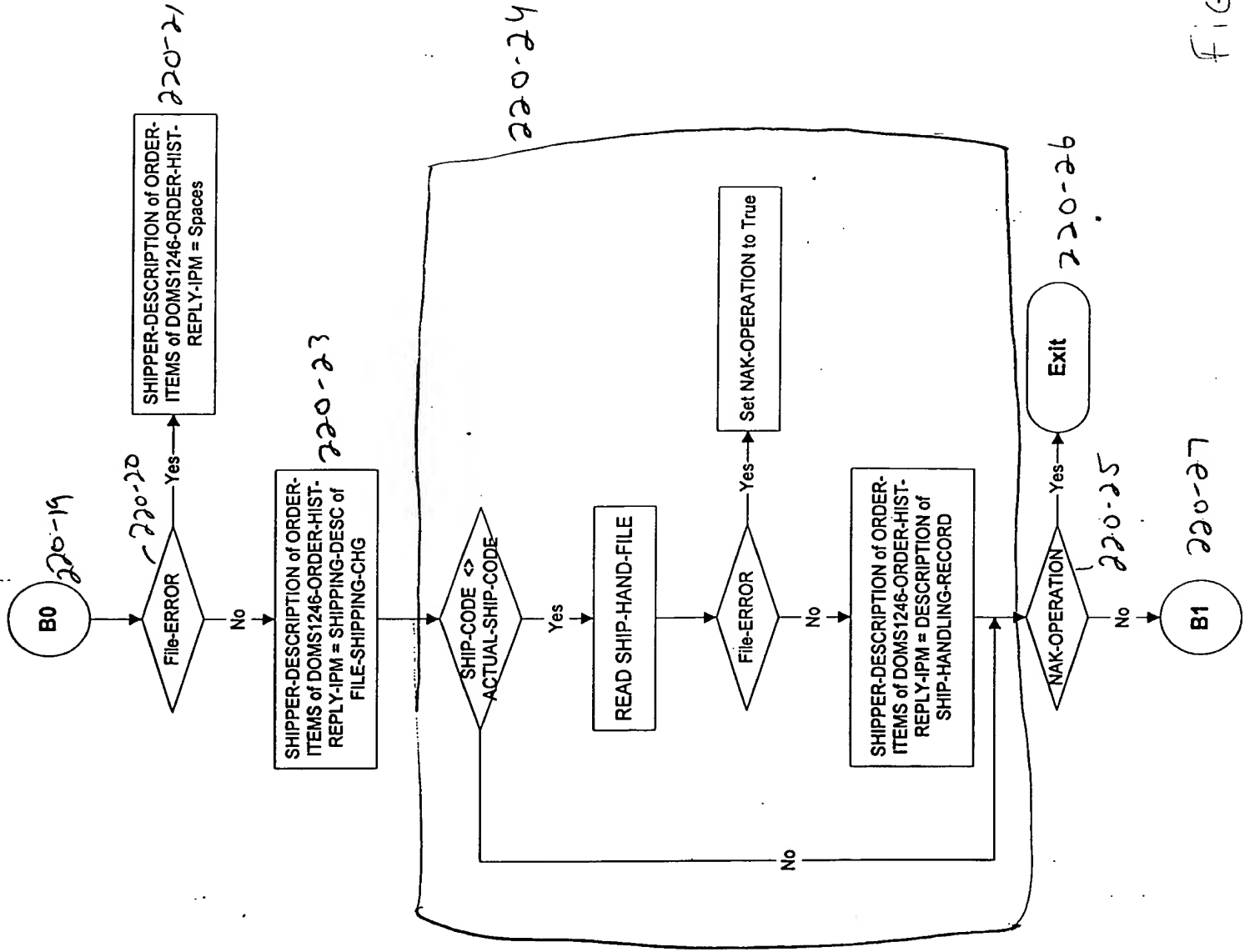
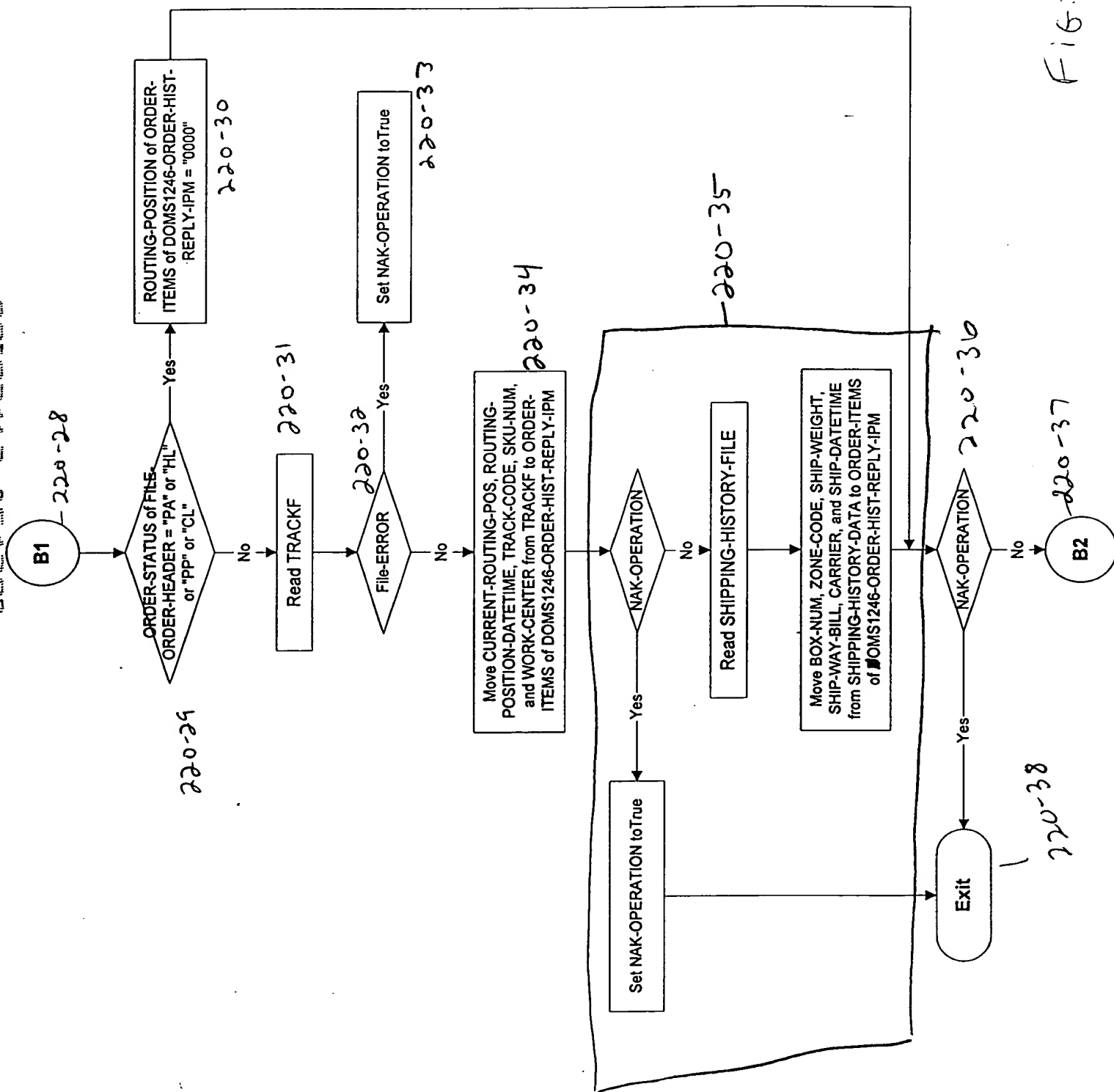


FIG. 22D

220-28



```

graph TD
    B2((B2-220-39)) --> READ[READ CUSTOMER-FILE-220-40]
    READ --> FILE_ERROR{File-ERROR}
    FILE_ERROR -- Yes --> RECORD_NOT_FOUND{RECORD-NOT-FOUND}
    FILE_ERROR -- No --> LINK_CUSTOMER[LINK-NUMBER OF ORDER-ITEMS of  
DOMS1246-ORDER-HIST-REPLY-IPM = LINK-  
NUM of FILE-CUSTOMER]
    RECORD_NOT_FOUND -- Yes --> LINK_REPLY[LINK-NUMBER OF ORDER-ITEMS of  
DOMS1246-ORDER-HIST-REPLY-IPM  
= Spaces]
    RECORD_NOT_FOUND -- No --> SET_NAK[Set NAK-OPERATION to True]
    LINK_CUSTOMER --> EXIT((Exit-220-42))
    LINK_REPLY --> EXIT
    SET_NAK --> EXIT
  
```

4224

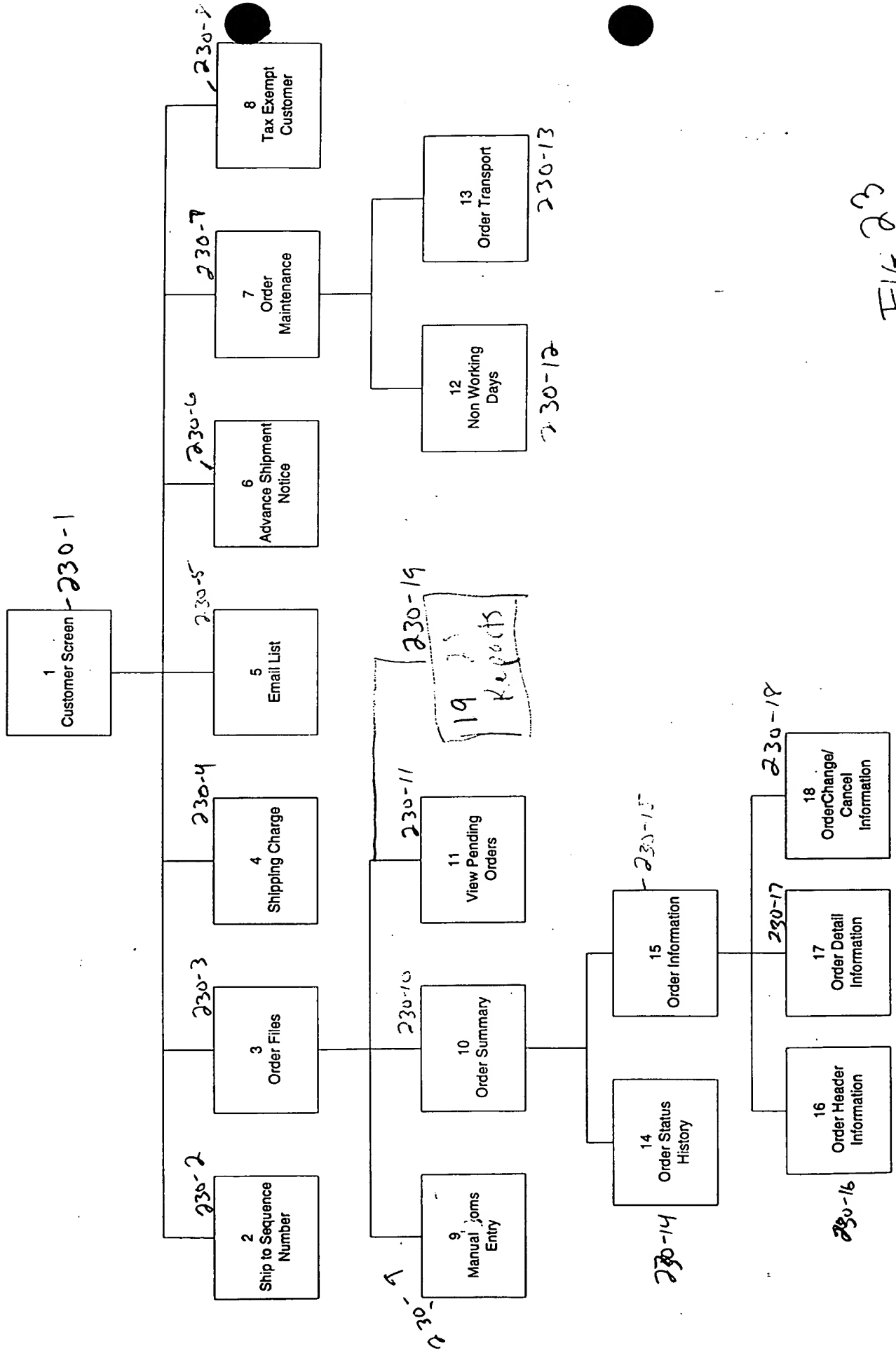


FIG 23



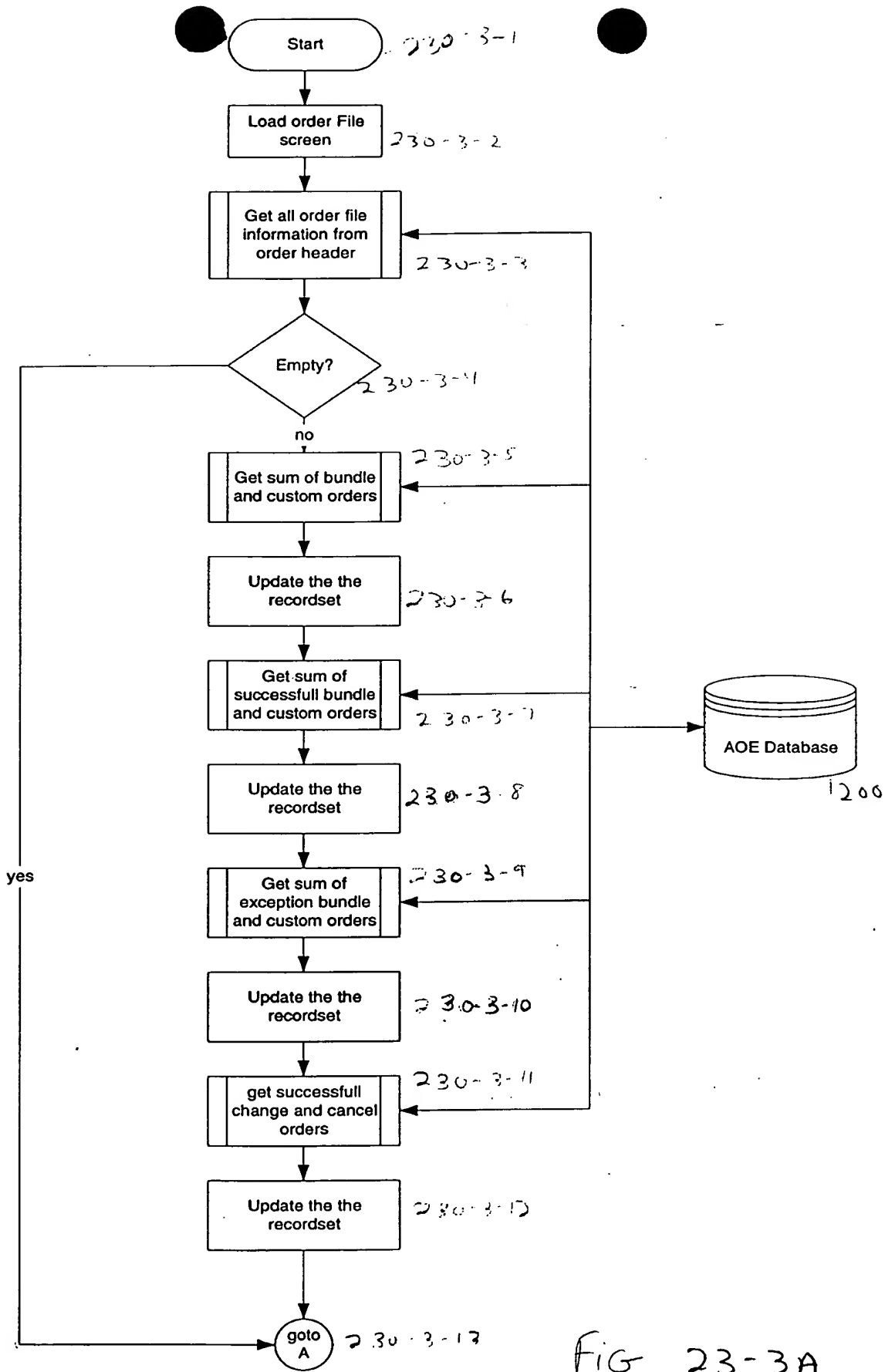
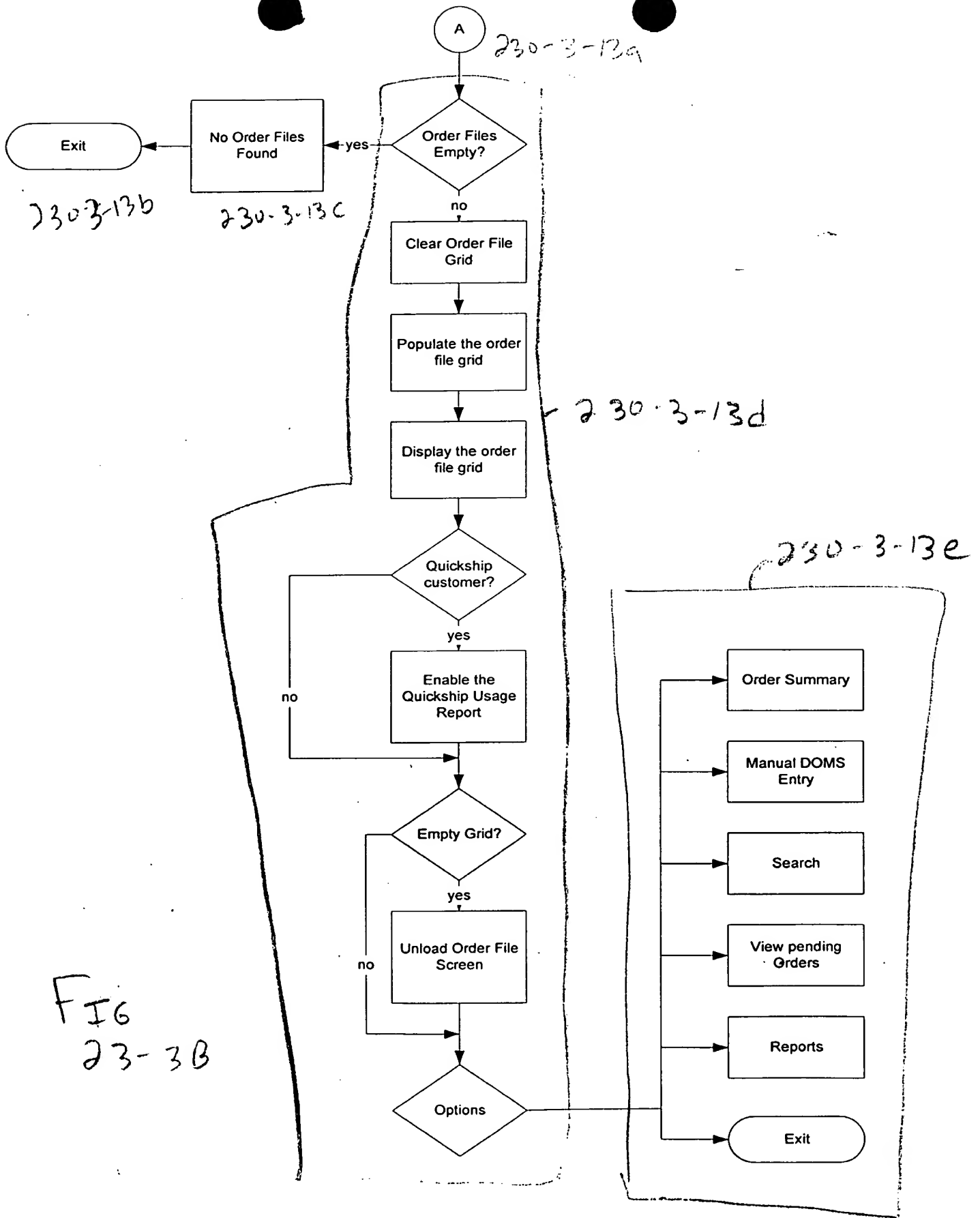
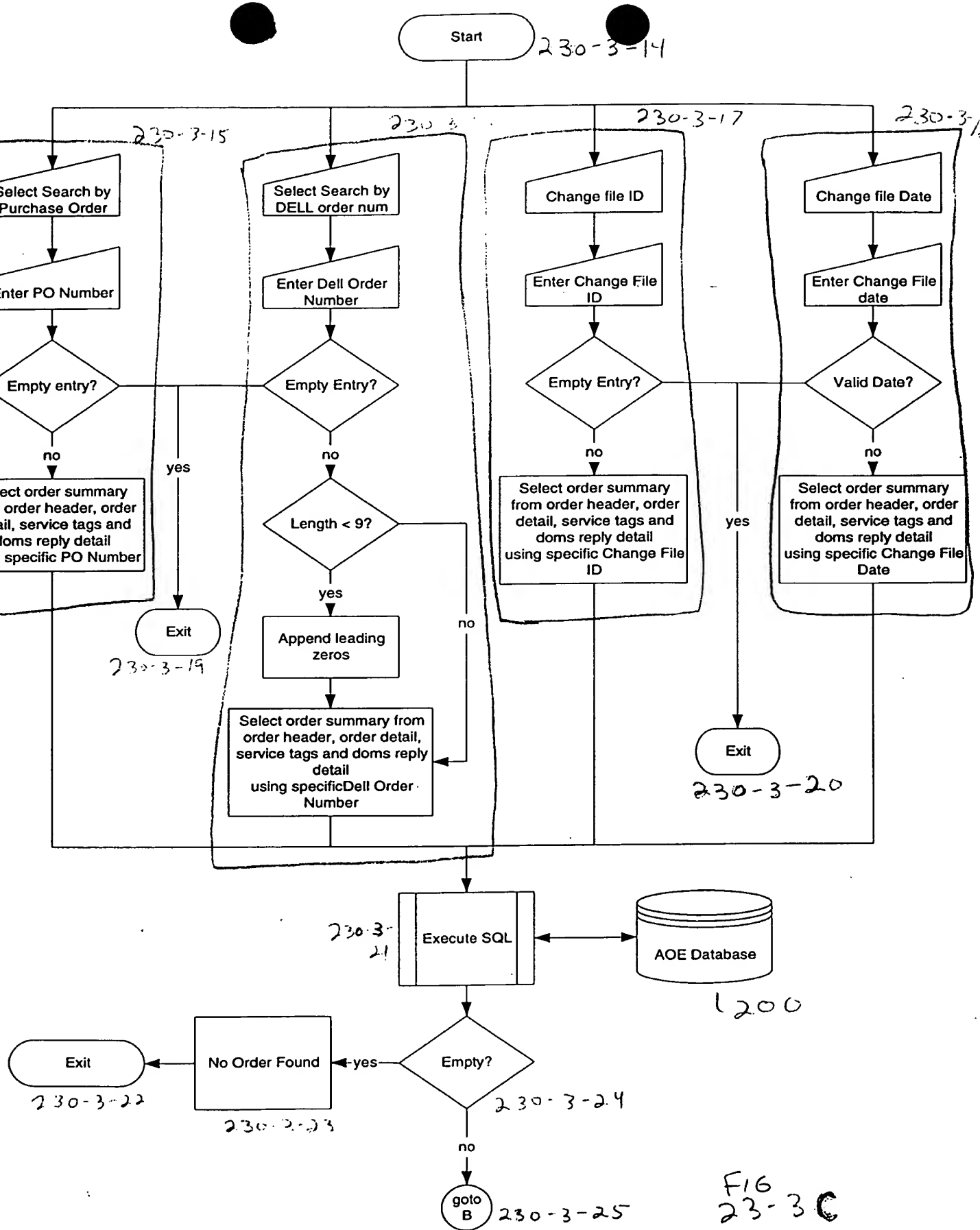


FIG 23-3A



09503412.094300

002130-21120500



002150:21:05:1300

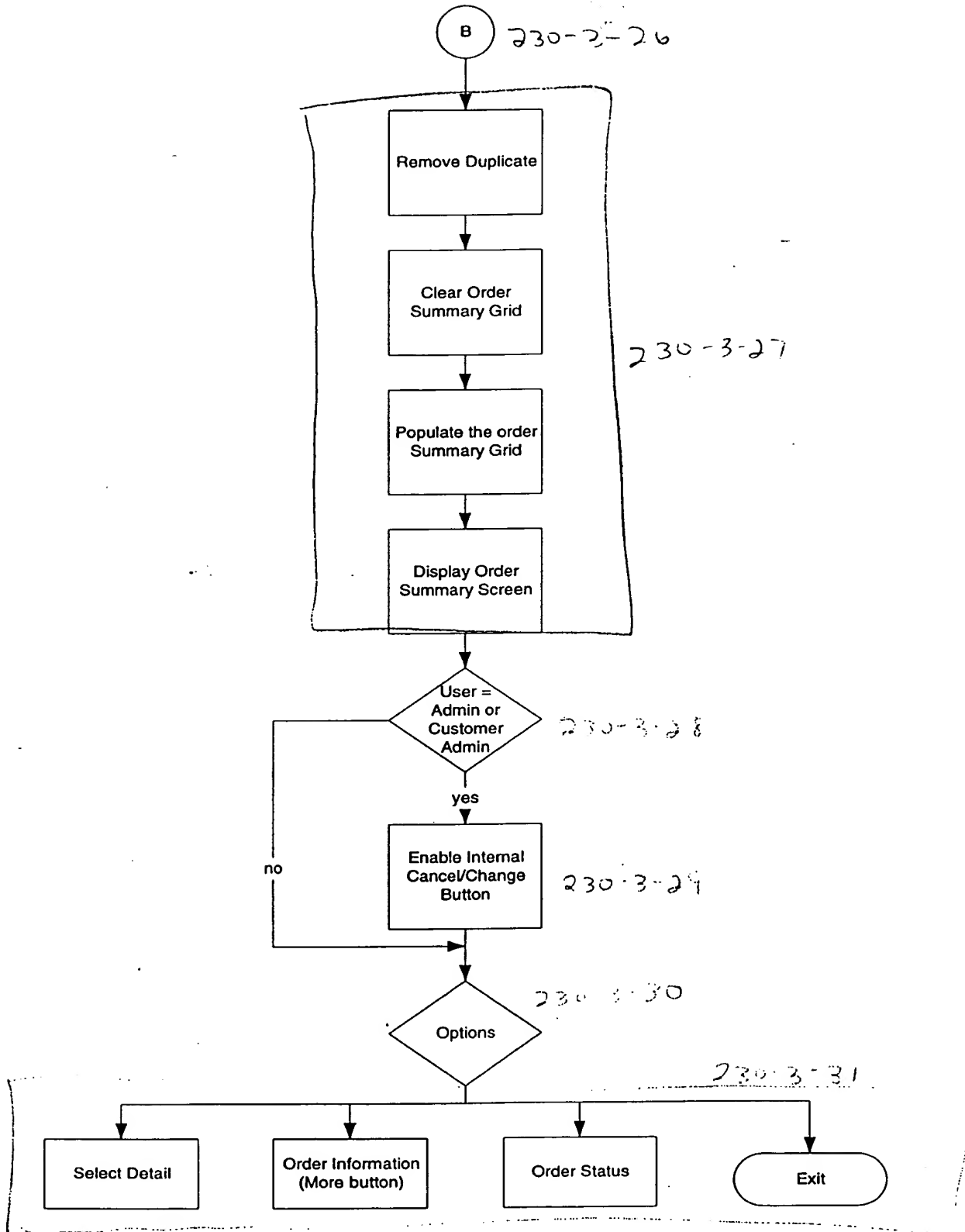


FIG 23-30

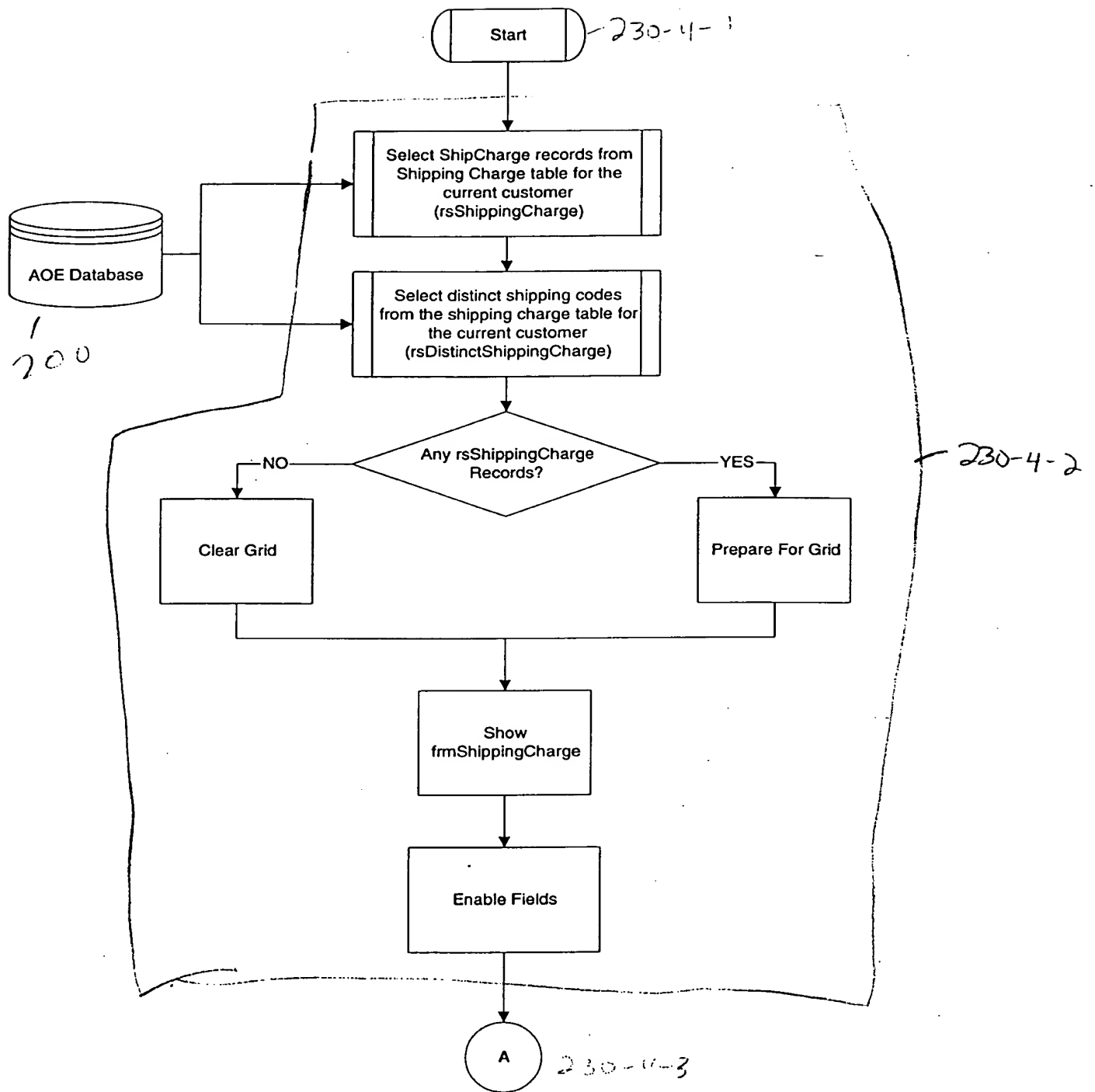


FIG. 23-4/A

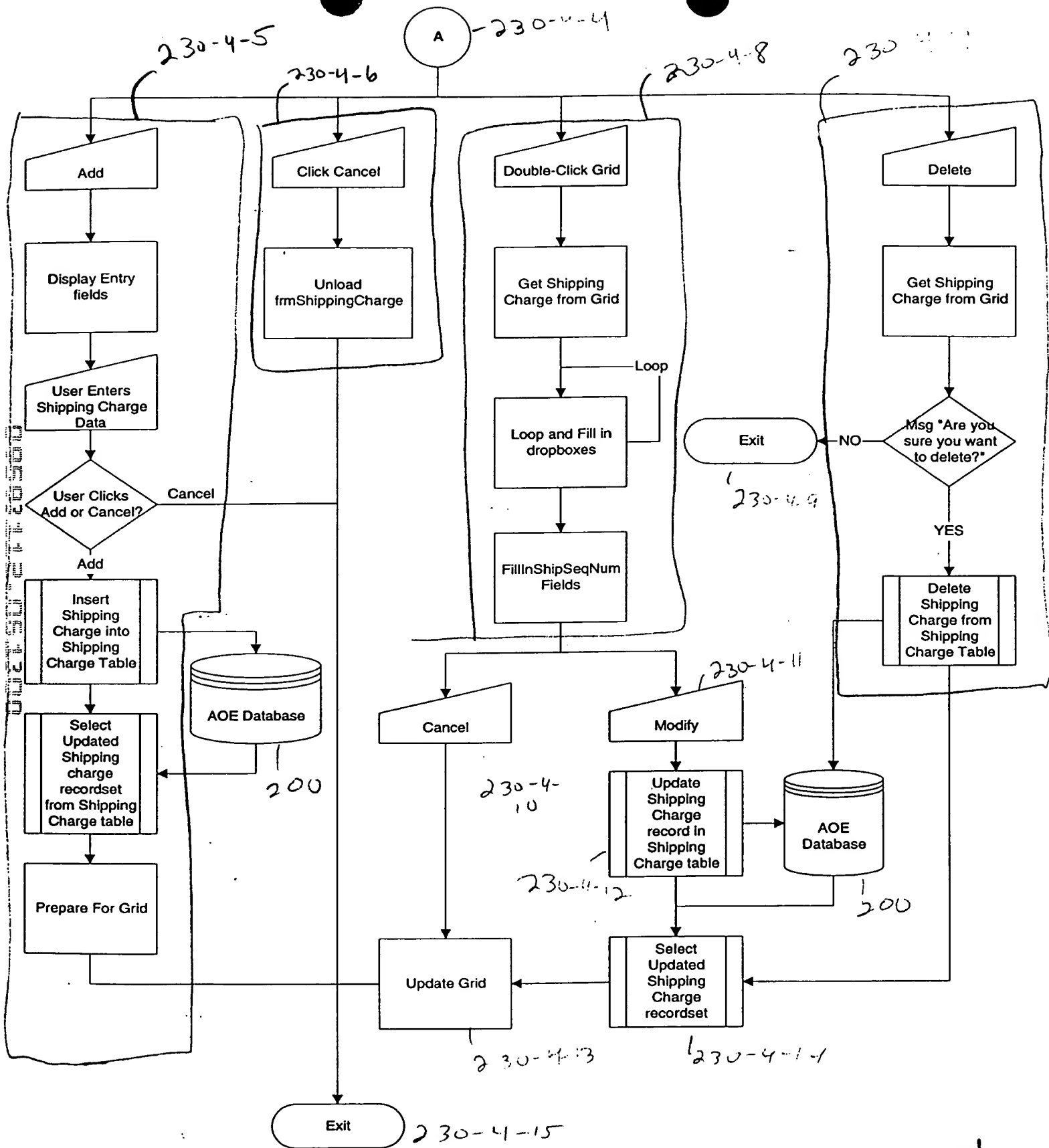
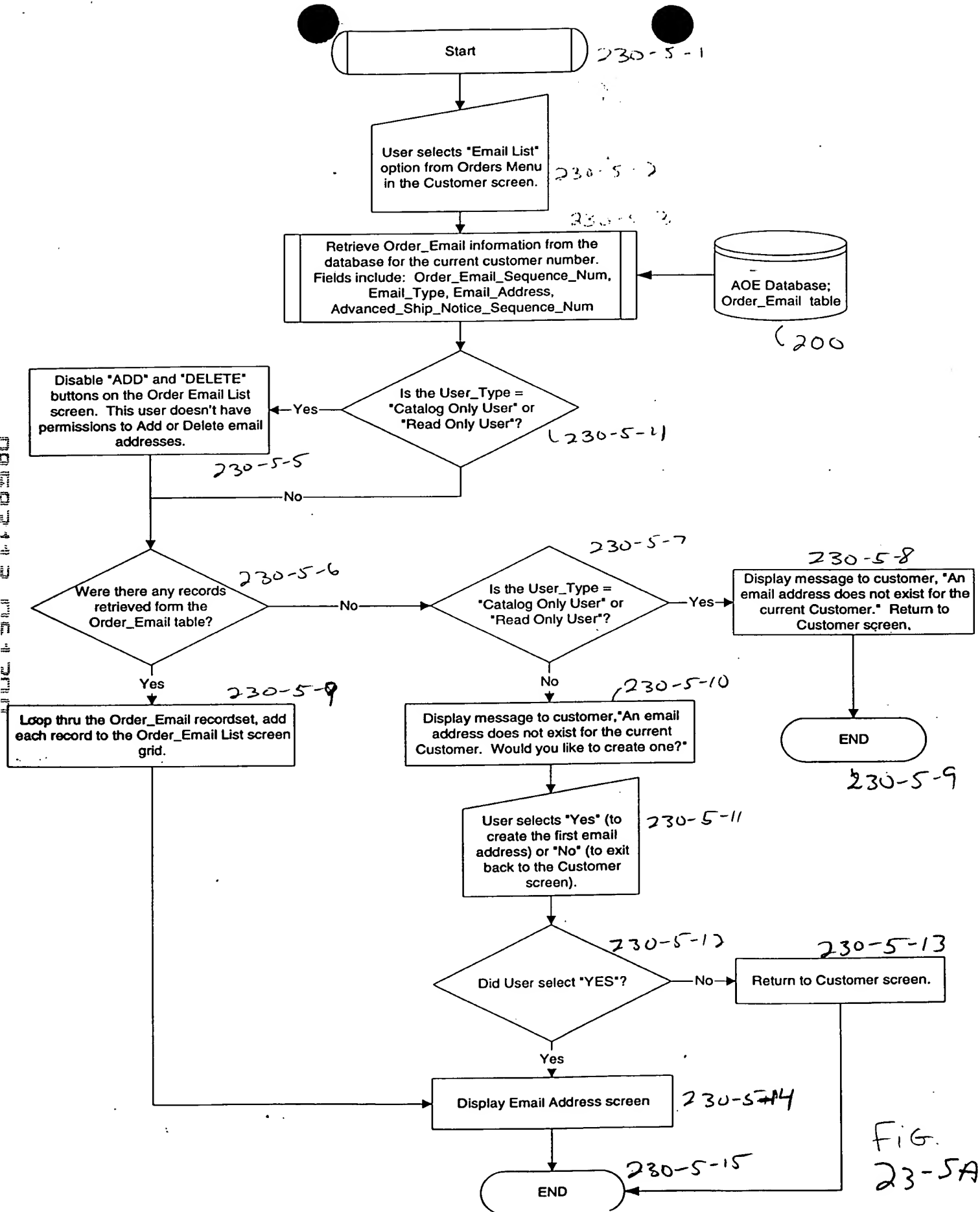


FIG. 23-B



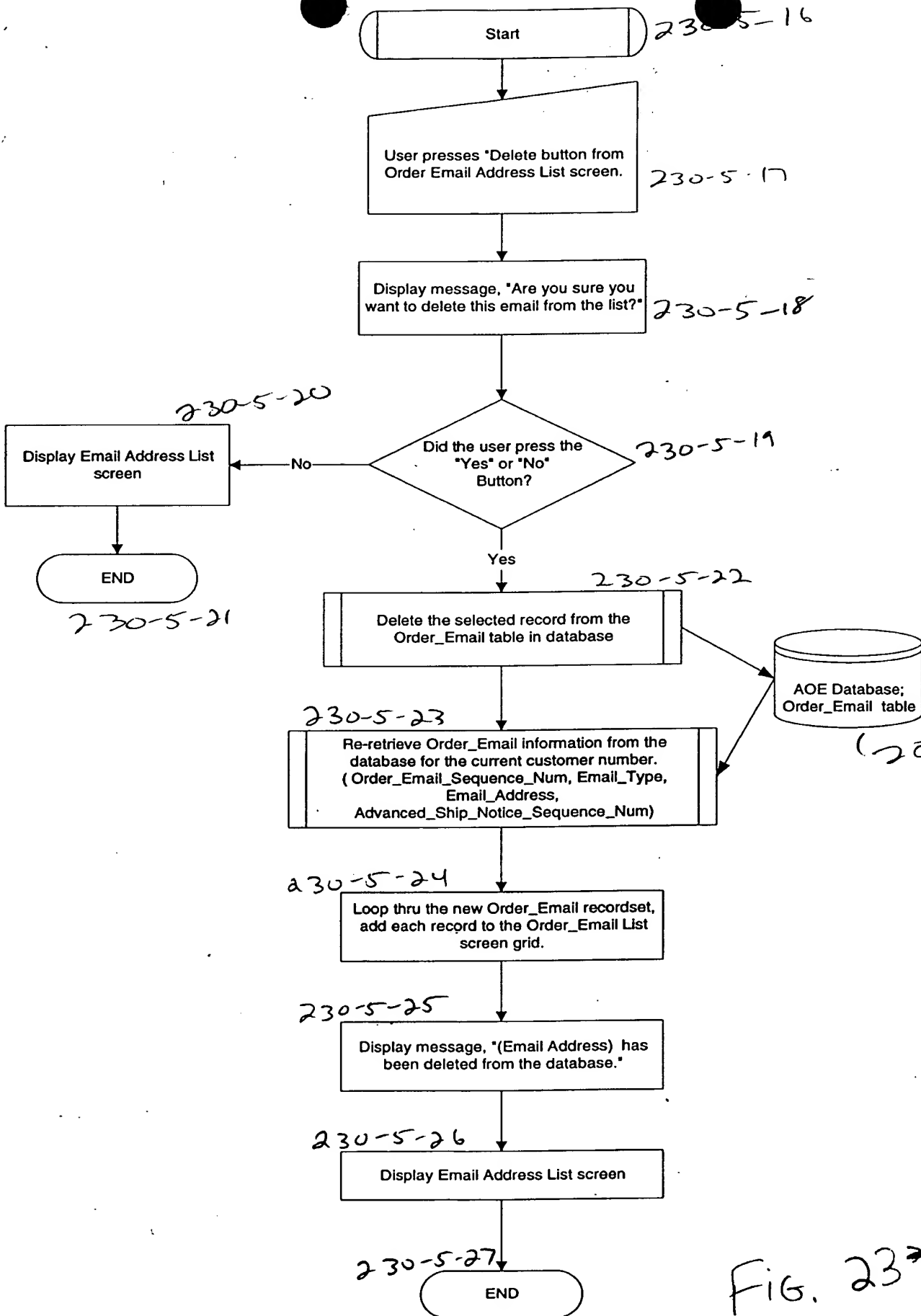
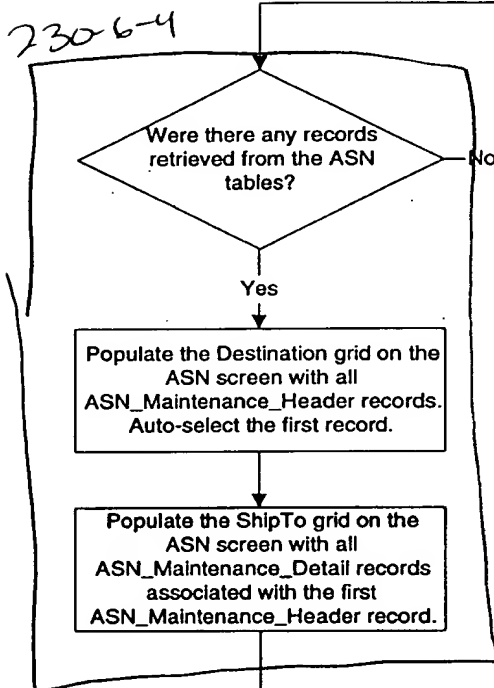
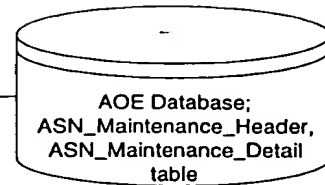
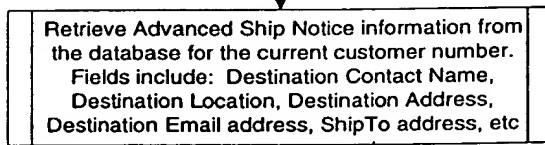
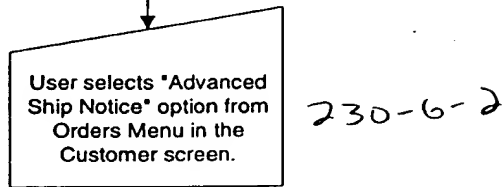
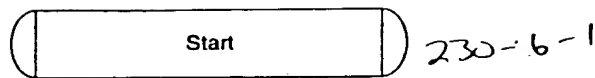


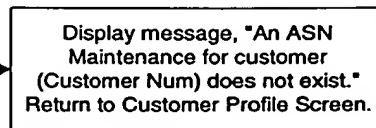
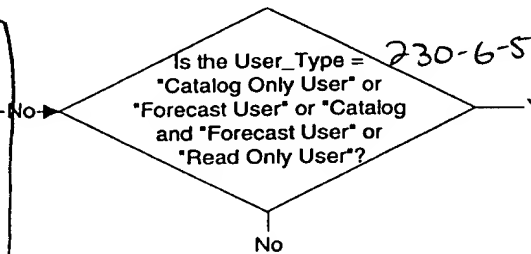
Fig. 23-5B



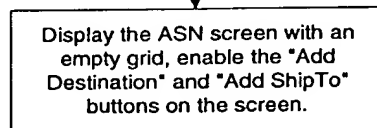


230-6-3

200



230-6-7



230-6-6

230-6-8

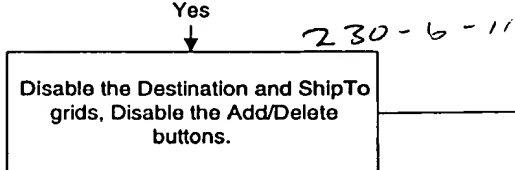
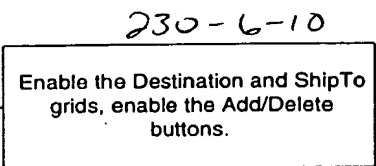
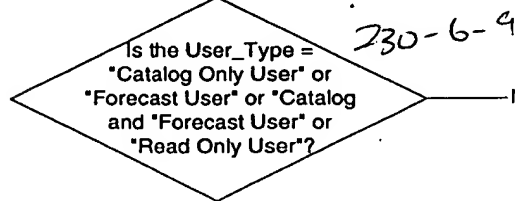
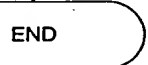
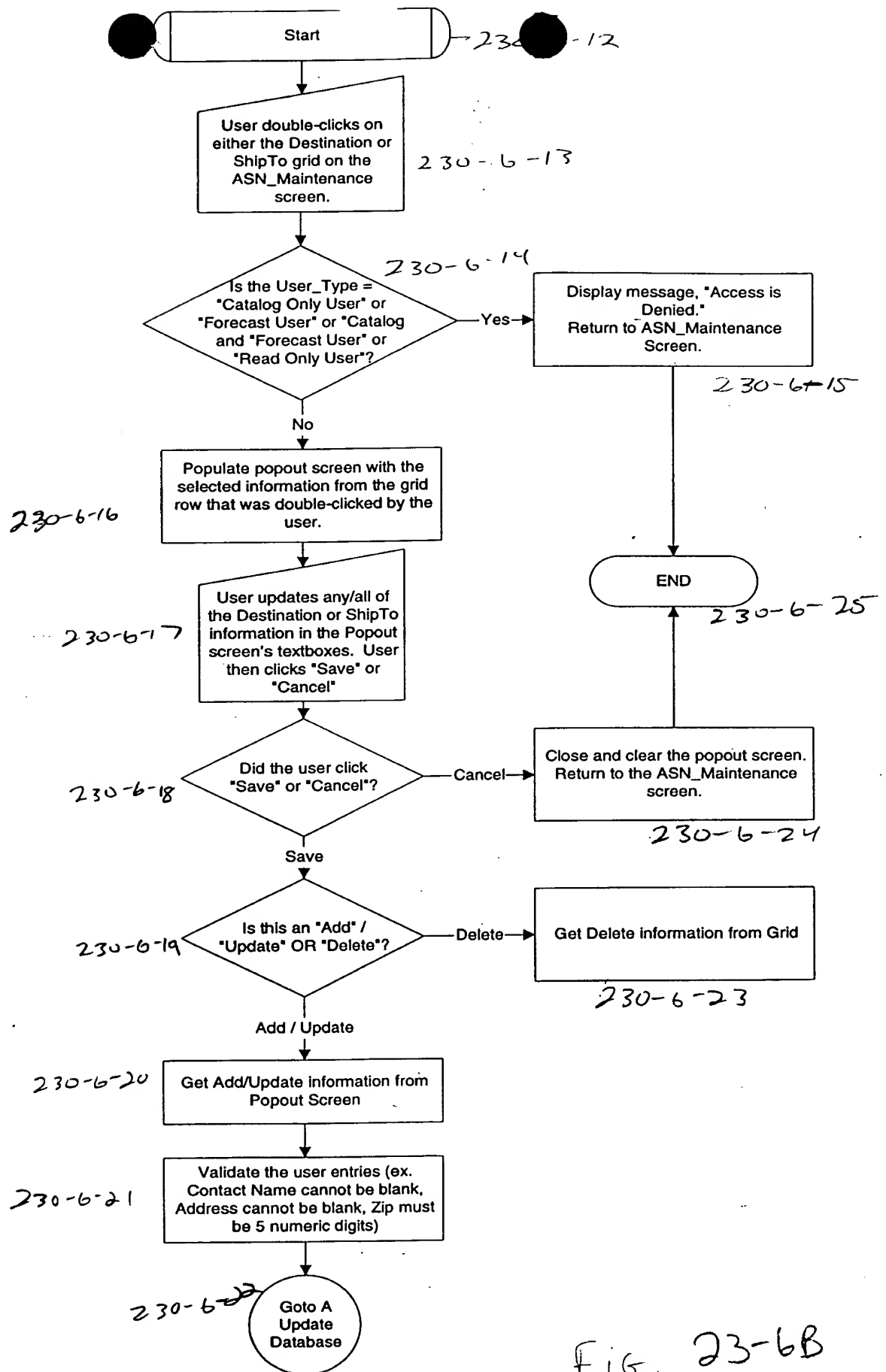


FIG. 23-6A



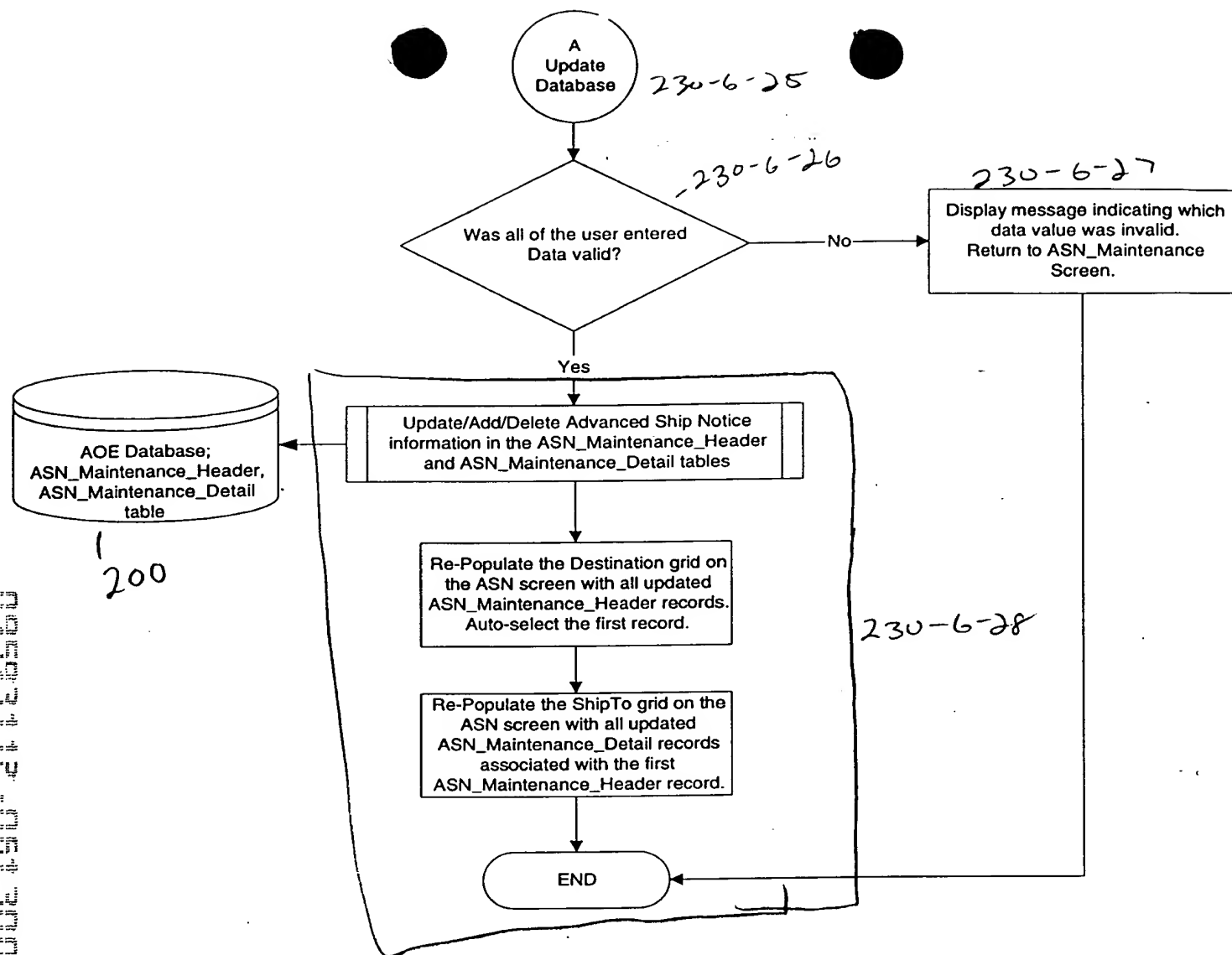


Fig. 23-6C